

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 23, 2004, 13:16:50 ; Search time 134,714 Seconds
(without alignments)
648,981 Million cell updates/sec

Title: US-09-080-140-25

Perfect score: 649

Sequence: 1 MKAVLLALLMAGLALQPCTA.....AAILALLPALGLLIWPGQL 123

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Ygapop 10.0, Ygapext 0.5
Fgapop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-FGAEXT=7 -YGAPOP=10 -YGAEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued Patents NA:

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	649	100.0	998	3	US-09-251-835-1
3	649	100.0	998	3	US-09-318-503-1
4	649	100.0	998	3	US-09-318-503-1
5	649	100.0	998	3	US-09-318-503-1
6	649	100.0	998	4	US-09-564-329A-1
7	649	100.0	998	4	US-09-963-620-1
8	645	99.4	494	2	US-09-855-632-1
9	631	97.2	960	4	US-08-675-508-4
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11	631	97.2	960	4	US-09-905-125A-17
12	631	97.2	960	4	US-09-902-775A-17
					Sequence 17, Appl

13	631	97.2	960	4	US-09-903-603A-17	Sequence 17, Appl
14	493	76.0	288	2	US-08-675-508-23	Sequence 23, Appl
15	446	68.7	286	2	US-08-675-508-21	Sequence 21, Appl
16	441	68.0	373	4	US-09-513-999C-610	Sequence 610, App
17	385	59.3	441	3	US-09-203-939-3	Sequence 3, Appli
18	385	59.3	441	3	US-09-251-835-3	Sequence 3, Appli
19	385	59.3	441	3	US-09-318-503-3	Sequence 3, Appli
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22	385	59.3	441	4	US-09-963-620-3	Sequence 3, Appli
23	385	59.3	441	4	US-09-855-632-3	Sequence 3, Appli
24	374	57.6	232	2	US-08-675-508-25	Sequence 25, Appl
25	204	31.4	230	2	US-08-675-508-24	Sequence 24, Appl
26	173	26.7	251	2	US-08-675-508-22	Sequence 22, Appl
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29	153.5	23.7	1163	3	US-08-746-397-1	Sequence 1, Appli
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32	129.5	20.0	613	3	US-09-227-357-99	Sequence 99, Appl
33	129.5	20.0	783	4	US-09-620-312D-876	Sequence 876, App
34	127.5	19.6	540	2	US-08-448-561-3	Sequence 3, Appli
35	127	19.6	77	2	US-08-675-508-26	Sequence 26, Appl
36	118.5	18.3	1897	4	US-09-825-294-214	Sequence 214, App
37	118.5	18.3	1897	4	US-09-970-966-214	Sequence 214, App
38	114.5	17.6	1619	4	US-09-713-550-205	Sequence 205, App
39	114.5	17.6	1619	4	US-09-825-294-205	Sequence 205, App
40	114.5	17.6	1619	4	US-09-825-294-211	Sequence 211, App
41	114.5	17.6	1619	4	US-09-970-966-205	Sequence 205, App
42	114.5	17.6	1619	4	US-09-970-966-211	Sequence 211, App
43	106.5	16.4	369	4	US-09-713-550-199	Sequence 199, App
44	106.5	16.4	369	4	US-09-825-294-199	Sequence 199, App
45	106.5	16.4	369	4	US-09-970-966-199	Sequence 199, App

ALIGNMENTS

RESULT 1
US-09-203-939-1
; Sequence 1, Application US/09203939
; Patent No. 6258939
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US11
; CURRENT APPLICATION NUMBER: US/09/203,939
; CURRENT FILING DATE: 2000-12-02
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature
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; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature

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1	Qy	21	LeuLeuCysIyrSerCysLysAlaGlnValSerAsnGluaspCysLeuGlnValGluAsn
	Db	78	CTCGTGTACTCTCGAAACCCAGGTGAGCAACGAGGACTCCCTGCAGGTGGGAAC
18	Db	77	ATGAAGCGCTGTGTCGTGCCCTGTGTATGTCAGAGCTTGCCCTGCAGCCAGCATGCC
	Qy	40	LeuLeuCysIyrSerCysLysAlaGlnValSerAsnGluaspCysLeuGlnValGluAsn
	Db	133	CTCGTGTACTCTCGAAACCCAGGTGAGCAACGAGGACTCCCTGCAGGTGGGAAC
41	Qy	60	CysThrGlnLeuGlycylGlnCysTrpThrAlaArgIleArgAlaValGlyLeuLeuThr

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Db 138 TGCACCCAGCTGGGGGAGCAGTCTGGACCGCGCGCATCCGCGCAGTTGGCCCTCTGACC 197
Qy 61 ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
Db 198 GTCATCAGCAAGGCTGCAGCTTGACTGGTGGTGAATGACTTCAGGACTACTACGTGGGC 257
Qy 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
Db 258 AAGAAGAACATCACGTGCTGTGACCGGACTTGTGCAACGCCAGCGGGGCCCATGCCCC 317
Qy 101 GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuLeuTyrGlyPro 120
Db 318 CAGCCGGCTGCGGCCATCTTGGCTGCTCCCTGCACCTGGCGCTGCTGTCTGGGGACCC 377
Qy 121 GlyGlnLeu 123
Db 378 GCCCAGCTA 386

RESULT 3
US-09-318-503-1
; Sequence 1, Application US/09318503A
; Patent No. 6261791
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US13
; CURRENT APPLICATION NUMBER: US/09/318,503A
; CURRENT FILING DATE: 1999-05-25
; EARLIER APPLICATION NUMBER: 08/814,279
; EARLIER FILING DATE: 1997-03-10
; EARLIER APPLICATION NUMBER: 60/071,141
; EARLIER FILING DATE: 1998-01-12
; EARLIER APPLICATION NUMBER: 60/074,675
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 09/038,261
; EARLIER FILING DATE: 1998-03-10
; EARLIER APPLICATION NUMBER: 09/203,939
; EARLIER FILING DATE: 1998-12-02
; EARLIER APPLICATION NUMBER: 09/251,835
; EARLIER FILING DATE: 1999-02-17
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; LENGTH: 998
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; LOCATION: (636)
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; NAME/KEY: misc_feature
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US-09-318-503-1

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Pred. No.: 1.27e-79 Length: 998
Score: 649.00 Matches: 123
Percent Similarity: 100.00% Conservative: 0
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Qy 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
Db 78 CTGCTGTGCTACTCTCTCAAGCCCGGTGAGCAACAGGAGCTGCCTGCAGGTGAGAAC 137
Qy 41 CysThrGlnLeuGlyGluGlnCysThrThrAlaArgIleArgAlaValGlyLeuLeuThr 60
Db 138 TGCACCCAGCTGGGGGAGCAGTCTGGACCGCGCGCATCCGCGCAGTTGGCCCTCTGACC 197
Qy 61 ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
Db 198 GTCATCAGCAAGGCTGCAGCTTGAACTCGCTGGATGACTCACAGGACTACTACGTGGGC 257
Qy 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
Db 258 AAGAAGAACATCACGTGCTGTGACCGGACTTGTGCAACGCCAGCGGGGCCCATGCCCC 317
Qy 101 GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuLeuTyrGlyPro 120
Db 318 CAGCCGGCTGCGGCCATCTTGGCTGCTCCCTGCACCTGGCGCTGCTGTCTGGGGACCC 377
Qy 121 GlyGlnLeu 123
Db 378 GCCCAGCTA 386

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RESULT 4
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; Sequence 1, Application US/09038261A
; Patent No. 6267960
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54US1
; CURRENT APPLICATION NUMBER: US/09/038,261A
; CURRENT FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12

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QY 41 CysThrGlnLeuGlyGluGlnCysTrpThrAlaArgGileArgAlaValGlyLeuLeuThr 60
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QY 61 ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
Db 198 GTCATCAGCAAGGCTGCAGCTTGAACCTGGCGATGACTCACAGGACTACTACGTGGGC 257
QY 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
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QY 101 GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuTrpGlyPro 120
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QY 121 GlyGlnLeu 123
Db 378 GGCCAGCTA 386

RESULT 7

US-09-855-632-1

; Sequence 1, Application US/09855632

; Patent No. 6790939

; GENERAL INFORMATION:

; APPLICANT: Reiter, Robert E.

; APPLICANT: Witte, Owen N.

; APPLICANT: Safran, Douglas C.

; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF

; FILE REFERENCE: 30435.54US14

; CURRENT APPLICATION NUMBER: US/09/855,632

; CURRENT FILING DATE: 2001-05-14

; PRIOR APPLICATION NUMBER: 09/564,329

; PRIOR FILING DATE: 2000-05-03

; PRIOR APPLICATION NUMBER: 09/359,326

; PRIOR FILING DATE: 1999-07-20

; PRIOR APPLICATION NUMBER: 08/814,279

; PRIOR FILING DATE: 1997-03-10

; PRIOR APPLICATION NUMBER: 60/071,141

; PRIOR FILING DATE: 1998-01-12

; PRIOR APPLICATION NUMBER: 60/074,675

; PRIOR FILING DATE: 1998-02-13

; PRIOR APPLICATION NUMBER: 60/113,230

; PRIOR FILING DATE: 1998-12-21

; PRIOR APPLICATION NUMBER: 60/120,536

; PRIOR FILING DATE: 1999-02-17

; PRIOR APPLICATION NUMBER: 60/124,658

; PRIOR FILING DATE: 1999-03-16

; PRIOR APPLICATION NUMBER: 09/038,261

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 09/203,939

; PRIOR FILING DATE: 1998-12-02

; PRIOR APPLICATION NUMBER: 09/251,835

; PRIOR FILING DATE: 1999-02-17

; PRIOR APPLICATION NUMBER: 09/308,503

; PRIOR FILING DATE: 1999-05-25

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn Ver. 2.0

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; ORGANISM: HUMAN PSCA (hPSCA)

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; NAME/KEY: misc feature

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; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

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; NAME/KEY: misc feature

; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
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; NAME/KEY: misc feature
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; NAME/KEY: misc feature
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; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-855-632-1

Alignment Scores:

Pred. No.: 1,27e-79 Length: 998
Score: 649.00 Matches: 123
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-25 (1-123) x US-09-855-632-1 (1-998)

QY 1 MetLysAlaValLeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
Db 18 ATGAAGGCTGTGCTCTTCCCTGTGTGATGGCAGCTTGGCCCTGCAGCCAGGCACTGCC 77
QY 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
Db 78 CTGCTGTGCTACTCTCTCAAGCCAGGTGACACAGGAGTCTGCTGCAGTGGAGAAC 137
QY 41 CysThrGlnLeuGlyGluGlnCysTrpThrAlaArgGileArgAlaValGlyLeuLeuThr 60
Db 138 TGCACCCAGCTGGGGGAGCAGTGTGGACCGCGCATCCGCGCAGTTGGCTCTCTGACC 197
QY 61 ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
Db 198 GTCATCAGCAAGGCTGCAGCTTGAACCTGGCGATGACTCACAGGACTACTACGTGGGC 257
QY 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
Db 258 AAGAGAACATCATCGCTGTGACACCGACTTGTCAACGCCAGCGGGGCCATCCCTG 317
QY 101 GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuTrpGlyPro 120
Db 318 CAGCCGGCTGGCCCATCTTGGCGTGTCTCCCTGCACTCGGCTCTGCTGGGGACCC 377
QY 121 GlyGlnLeu 123
Db 378 GGCCAGCTA 386

RESULT 8

US-08-675-508-4

; Sequence 4, Application US/08675508

; Patent No. 5856136

; GENERAL INFORMATION:

; APPLICANT: Au-Young, Janice

; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Incyte Pharmaceuticals, Inc.

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/ STREET: 3174 Porter Drive
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: U.S.
/ ZIP: 94304
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 1.5
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/675,508
/ FILING DATE: Filed Herewith
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Billings, Lucy J.
/ REGISTRATION NUMBER: 36,749
/ REFERENCE/DOCKET NUMBER: PF-0066 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-855-0555
/ TELEFAX: 415-845-4166
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 494 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ IMMEDIATE SOURCE:
/ LIBRARY: SCMH-2
/ CLONE:
/
/ US-08-675-508-4
/
/ Alignment Scores:
/ Pred. No.: 1,53e-79 Length: 494
/ Score: 645.00 Matches: 122
/ Percent Similarity: 99.19% Conservative: 0
/ Best Local Similarity: 99.19% Mismatches: 1
/ Query Match: 99.38% Indels: 0
/ DB: 2 Gaps: 0
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/ QY 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
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/ QY 41 CysThrGlnLeuGlyGluGlnCysTyrThrAlaArgIleArgAlaValGlyLeuLeuThr 60
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/ QY 81 LysLysAsnLeuThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
/ DB 247 AAGAAAGAACATCATGCTGTGACACCGACTGTGCAACGSCAGCGGGGCCCATGGCCTG 306
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/ QY 101 GlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTyrGlyPro 120
/ DB 307 CAGCGGCTGCCGCATCTTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 366
/
/ QY 121 GlyGlnLeu 123
/ DB 367 GGCCAGCTA 375
/
/ RESULT 9
/ US-09-080-140-25
/ Sequence 17, Application US/0907794A
/
/ Patent No. 6635468
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/307,794A
/ CURRENT FILING DATE: 2001-07-17
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 17
/ LENGTH: 960
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-080-140-25
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Alignment Scores:
Pred. No.: 3,63e-77 Length: 960
Score: 631.00 Matches: 119
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 97.23% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-25 (1-123) x US-09-907-794A-17 (1-960)

QY 5 LeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAlaLeuLeuCysTyr 24
Db 2 CTGCTTGCCCTGTTCATGGCAGGCTTGCCCTGCAGCCAGGCACTGCCCTGCTGTCTAC 61

QY 25 SerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsnCysThrGlnLeu 44
Db 62 TCCTGCAAGCCAGGTGAGCAACGAGGACTGCCCTGCAGGTGGAGAACTGCACCCAGCTG 121

QY 45 GlyGluGlnCysTyrThrAlaArgIleArgAlaValGlyLeuLeuThrValIleSerLys 64
Db 122 GGGAGAGAGTGTGACCGCGGCATCCGCGAGTTGGCCCTCCCTGACCGTATCAGCAAA 181

QY 65 GlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGlyLysAsnIle 84
Db 182 GGCTGCAGCTTGAACCTGGTGTGATGACTCAGAGGACTACACAGGACTACTAGCTGGGCAAGAACATC 241

QY 85 ThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeuGlnProAlaAla 104
Db 242 ACGTGTGTGACACCGACTTGTGCAACGCCAGCGGGGCCATGCCCTGCAGCGGCTGCC 301

QY 105 AlaIleLeuAlaLeuProAlaLeuGlyLeuLeuThrGlyProGlyGlnLeu 123
Db 302 GCCATCTTGGCTGCTCCCTGCACCTGGCCCTGCTCTGGGGACCCGGCCAGCTA 358

RESULT 10
US-09-125A-17
; Sequence 17, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavina, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo sapiens
US-09-905-125A-17

Alignment Scores:
Pred. No.: 3,63e-77 Length: 960
Score: 631.00 Matches: 119
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 97.23% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-25 (1-123) x US-09-905-125A-17 (1-960)

QY 5 LeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAlaLeuLeuCysTyr 24
Db 2 CTGCTTGCCCTGTTCATGGCAGGCTTGCCCTGCAGCCAGGCACTGCCCTGCTGTCTAC 61

QY 25 SerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsnCysThrGlnLeu 44
Db 62 TCCTGCAAGCCAGGTGAGCAACGAGGACTGCCCTGCAGGTGGAGAACTGCACCCAGCTG 121

QY 45 GlyGluGlnCysTyrThrAlaArgIleArgAlaValGlyLeuLeuThrValIleSerLys 64
Db 122 GGGAGAGAGTGTGACCGCGGCATCCGCGAGTTGGCCCTCCCTGACCGTATCAGCAAA 181

QY 65 GlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGlyLysAsnIle 84
Db 182 GGCTGCAGCTTGAACCTGGTGTGATGACTCAGAGGACTACACAGGACTACTAGCTGGGCAAGAACATC 241

QY 85 ThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeuGlnProAlaAla 104
Db 242 ACGTGTGTGACACCGACTTGTGCAACGCCAGCGGGGCCATGCCCTGCAGCGGCTGCC 301

QY 105 AlaIleLeuAlaLeuProAlaLeuGlyLeuLeuThrGlyProGlyGlnLeu 123
Db 302 GCCATCTTGGCTGCTCCCTGCACCTGGCCCTGCTCTGGGGACCCGGCCAGCTA 358

RESULT 11
US-09-902-775A-17

; Sequence 17, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Christopher J.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Daniel
; APPLICANT: Tumas, P. Mickey
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-902-775A-17

Alignment Scores:
Pred. No.: 3.63e-77 Length: 960
Score: 631.00 Matches: 119
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 97.23% Indels: 0
DB: 4 Gaps: 0
US-09-080-140-25 (1-123) x US-09-902-775A-17 (1-960)
QY 5 LeuLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAlaLeuLeuCysTyr 24
Db 2 CTGCTTGGCCCTGTGTATGGCAGCTTGGCCCTGCGAGGCACTGCCCTGTGTGTCTAC 61
QY 25 SerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsnCysThrGlnLeu 44
Db 62 TCTGCAAGAGCCAGGTGAGCAACGAGGACTGCTGAGGTGAGAACTGCCAGCTG 121
QY 45 GlyGluGlnCysTyrThrAlaArgIleArgAlaValGlyLeuLeuThrValIleSerLys 64
Db 122 GGGGAGCAGTGTGGACCGCGCATCCGCGCAGTTGGCTCTCTGACCGTCATCAGCAA 181
QY 65 GlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGlyLysLysAsnIle 84
Db 182 GGCTGCAGCTTGAAGTGGTGGATGACTCAGGACTACTAGTGGGCAAGAGAACATC 241
QY 85 ThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeuGlnProAlaAla 104
Db 242 AGTGTGTGACACCGACTTGTGCAACGGCAGCGGGCCCATGGCCCTGAGCGGCTGCC 301
QY 105 AlalLeuAlaLeuLeuProAlaLeuGlyLeuLeuLeuTrpGlyProGlyGlnLeu 123
Db 302 GCCATCTTGGCTGCTCCTGCTGCACTGGCCCTGTGTGCTTGGGGACCGGCGAGCTA 358
RESULT 12
US-09-906-700-17
; Sequence 17, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048

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; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-700-17

Alignment Scores:
Pred. No.:      3.63e-77      Length:      960
Score:          631.00      Matches:    119
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match:      97.23%      Indels:      0
DB:                4      Gaps:          0

US-09-080-140-25 (1-123) x US-09-906-700-17 (1-960)
QY      5  LeuLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAlaLeuLeuCysTyr 24
Db      2  CTGCTTGCCCTGTGTGATGGCAGGCTTGCCCTGCAGCCAGGCACTGCCCTGCTGTGCTAC 61
QY      25 SerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsnCysThrGlnLeu 44
Db      62  TCTTGCAACGCCAGCGGTGACCAACGAGGACTGCTGCAGGTGGAGAACTGCACCCAGCTG 121
QY      45 GlyGluGlnCysTrpThrAlaArgIleArgAlaValGlyLeuThrValIleSerLys 64
Db      122 GGGGAGCAGTGTGGACCGCGCATCCGCGCATCTGGCTCTGACCGGTCATCAGCAAA 181
QY      65 GlyCysSerLeuAsnCysValAspAspSerGlnAspTyrTrpValGlyLysLysAsnIle 84
Db      182 GGCTGACGCTTGAACTCGCTGGATGATCTACAGGACTACTACGTGGGCAAGAGAATC 241
QY      85 ThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeuGlnProAlaAla 104
Db      242 ACGTGTGTGCACACCGACTTGTGCAACGCCAGCGGGCCCATGCTCCCTGCAGCGGCTGCC 301
QY      105 AlaIleLeuAlaLeuProAlaLeuGlyLeuLeuTrpGlyProGlyGlnLeu 123
Db      302 GCCATCTTGGCTGCTCCCTGCATCTGGCTCTGCTGGGACCCGCGCAGCTA 358

RESULT 13
; Sequence 17, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Klijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-903-603A-17

Alignment Scores:

Pred. No.: 3,63e-77 Length: 960
Score: 631.00 Matches: 119
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 97.23% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-25 (1-123) x US-09-903-603A-17 (1-960)

QY 5 LeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAlaLeuLeuCysTyr 24
DB 2 CTGCTTCCCTGTTGATGACAGGCTTGGCCCTGCAGCCAGGCACTGCCCTGCTGCTAC 61
QY 25 SerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsnCysThrGlnLeu 44
DB 62 TCCTGCAAGCCAGGTGAGCAACGAGGACTGCCTCAGGTGAGAACTGCACCCAGCTG 121
QY 45 GlyGluGlnCysThrThrAlaArgIleArgAlaValGlyLeuLeuThrValIleSerLys 64
DB 122 GGGAGCAGTGTGGACCGCGGCATCCGCGAGTGGCCTCCTGACCGCTCATCAGCAAA 181
QY 65 GlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGlyLysLysAsnIle 84
DB 182 GGCCTCAGCTTGAACCTGCTGGTGAATGACTCAGAGGACTACTAGTGGGCAAGAGAACATC 241
QY 85 ThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeuGlnProAlaAla 104
DB 242 ACGTGTGTGACACCGACTTGTGCAACGCGAGTGGCCGCGCCCATGCTCGAGCGGCTGCC 301
QY 105 AlaIleLeuAlaLeuLeuProAlaLeuGlyLeuLeuLeuTyrGlyProGlyGlnLeu 123
DB 302 GCCATCTTGCCTGCTCCCTCACTCGCGCCTGCTGCTGTGGGAGCCCGCGCAGCTA 358

RESULT 14

US-08-675-508-23
; Sequence 23, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

; IMMEDIATE SOURCE:

; LIBRARY: BLADTUT02
; CLONE: 1312529
; US-08-675-508-23

Alignment Scores:

Pred. No.: 5,83e-59 Length: 288
Score: 493.00 Matches: 92
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 75.96% Indels: 0
DB: 2 Gaps: 0

US-09-080-140-25 (1-123) x US-08-675-508-23 (1-288)

QY 1 MetLysAlaValLeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
DB 7 ATGAAGGCTGTGCTGCTTGGCCCTGTTGATGGCAGGCTTGGCCCTGCAGCCAGGCACTGCC 66
QY 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
DB 67 CTGCTGTGCTACTCCTCTGCAAGCCAGGTGAGCAACGAGGACTGCCTGCAGGTGAGAAC 126
QY 41 CysThrGlnLeuGlyGluGlnCysThrThrAlaArgIleArgAlaValGlyLeuLeuThr 60
DB 127 TGCACCCAGCTGGGGAGCAGTGTGGACCGCGGCATCCGCGCAGTTGGCCTCCTGACC 186
QY 61 ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
DB 187 GTCATCAGCAAGGCTGCAGCTTGAACCTGCGTGGATGACTCAGGACTACTACGTGGGC 246
QY 81 LysLysAsnIleThrCysCysAspThrAspLeuCys 92
DB 247 AGAAGAACATCACGTGCTGTGACACCGCACTTGTGC 282

RESULT 15

US-08-675-508-21
; Sequence 21, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 286 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:

; LIBRARY: UTRSN0T01
 ; CLONE: 588615
 US-08-675-508-21

Alignment Scores:

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US-09-080-140-25 (1-123) x US-08-675-508-21 (1-286)

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QY	30	ValSerAsnGluAspCysLeuGlnValGluAsnCysThrGlnLeuGlyGluGlnCysTrp	49
DB	61	GTGACCAACAGGACTGCTGAGGTGGAACTGCACCCAGCTGGGGAGCAGTGTGG	120
QY	50	ThrAlaArgIleArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsn	69
DB	121	ACCAGCGCATNCGCA-GTTGGCCCTNCTGACCGTCATCAGCAAGGCTGCAGTTGAAC	179
QY	70	CysValAspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr	89
DB	180	TGCGTGTGATGACTNACAGGACTACTACGTGGGCAAGAGAACATCATCGTGTGTGACANC	239
QY	90	AspLeuCysAsnAlaSerGlyAlaHisAlaLeuGlnProAla	103
DB	240	GACTTGTGCAANGGCANCGGGCCCATGCCCCCTGCAGNCGGCT	281

Search completed: October 23, 2004, 16:15:15
 Job time : 137.714 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 22, 2004, 13:56:46 ; Search time 778.512 Seconds
(without alignments)
809.547 Million cell updates/sec

Title: US-09-080-140-25

Perfect score: 649

Sequence: 1 MKAVILLALLMAGLALQPCTA.....AAILALLPALGLLWPGQL 123

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 3407233 seqs, 2561960514 residues

Total number of hits satisfying chosen parameters: 6814466

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	649	100.0	990	15	US-10-117-937-87	Sequence 87, Appl
2	649	100.0	990	16	US-10-240-425-386	Sequence 386, App
3	649	100.0	990	16	US-10-188-832-168	Sequence 168, App
4	649	100.0	990	17	US-10-657-022-87	Sequence 87, Appl
5	649	100.0	998	9	US-09-564-329A-1	Sequence 1, Appl
6	649	100.0	998	9	US-09-855-153-1	Sequence 1, Appl
7	649	100.0	998	9	US-09-854-811-1	Sequence 1, Appl
8	649	100.0	998	9	US-09-934-773-1	Sequence 1, Appl
9	649	100.0	998	9	US-09-963-620-1	Sequence 1, Appl
10	649	100.0	998	10	US-09-855-632-1	Sequence 1, Appl
11	649	100.0	998	15	US-10-225-784-1	Sequence 1, Appl
12	649	100.0	998	15	US-10-224-720-1	Sequence 1, Appl
13	649	100.0	998	15	US-10-225-779-1	Sequence 1, Appl
14	649	100.0	998	15	US-10-374-381-1	Sequence 1, Appl
15	649	100.0	998	16	US-10-446-542-1	Sequence 1, Appl
16	649	100.0	1023	11	US-09-080-140-11	Sequence 11, Appl
17	649	100.0	1023	11	US-09-080-140-12	Sequence 12, Appl
18	649	100.0	1028	15	US-10-252-157-273	Sequence 273, App
19	645	99.4	494	9	US-09-934-586A-4	Sequence 4, Appl
20	631	97.2	960	9	US-09-909-320-17	Sequence 17, Appl
21	631	97.2	960	9	US-09-909-088B-17	Sequence 17, Appl
22	631	97.2	960	9	US-09-905-291A-17	Sequence 17, Appl
23	631	97.2	960	9	US-09-903-853-17	Sequence 17, Appl
24	631	97.2	960	9	US-09-907-824-17	Sequence 17, Appl
25	631	97.2	960	9	US-09-907-841-17	Sequence 17, Appl
26	631	97.2	960	10	US-09-904-011-17	Sequence 17, Appl
27	631	97.2	960	10	US-09-903-640-17	Sequence 17, Appl
28	631	97.2	960	10	US-09-908-093-17	Sequence 17, Appl
29	631	97.2	960	10	US-09-906-742-17	Sequence 17, Appl
30	631	97.2	960	10	US-09-906-838-17	Sequence 17, Appl
31	631	97.2	960	10	US-09-907-613-17	Sequence 17, Appl
32	631	97.2	960	10	US-09-907-942-17	Sequence 17, Appl
33	631	97.2	960	10	US-09-904-859-17	Sequence 17, Appl
34	631	97.2	960	10	US-09-909-204-17	Sequence 17, Appl
35	631	97.2	960	10	US-09-904-820-17	Sequence 17, Appl
36	631	97.2	960	10	US-09-904-786-17	Sequence 17, Appl
37	631	97.2	960	10	US-09-906-646-17	Sequence 17, Appl
38	631	97.2	960	10	US-09-906-700-17	Sequence 17, Appl
39	631	97.2	960	10	US-09-903-786-17	Sequence 17, Appl
40	631	97.2	960	10	US-09-902-903-17	Sequence 17, Appl
41	631	97.2	960	10	US-09-903-749A-17	Sequence 17, Appl
42	631	97.2	960	10	US-09-904-119-17	Sequence 17, Appl
43	631	97.2	960	10	US-09-904-956-17	Sequence 17, Appl
44	631	97.2	960	10	US-09-902-736-17	Sequence 17, Appl
45	631	97.2	960	10	US-09-907-794-17	Sequence 17, Appl

ALIGNMENTS

RESULT 1
US-10-117-937-87
; Sequence 87, Application US/10117937
; Publication No. US20030220239A1
; GENERAL INFORMATION:
; APPLICANT: CTL IMMUNO THERAPIES CORP.
; APPLICANT: SIMARD, John, J.L.
; APPLICANT: DIAMOND, David, C.
; APPLICANT: LIU, Liping
; APPLICANT: XIE, Zhidong
; TITLE OF INVENTION: EPITOPE SEQUENCES
; FILE REFERENCE: CTIMM.027A
; CURRENT FILING DATE: 2002-04-04
; CURRENT APPLICATION NUMBER: US/10/117,937
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: US 60/282,211
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/337,017
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: US 60/363,210
; PRIOR FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 602

; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 87
 ; LENGTH: 990
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(990)
 ; OTHER INFORMATION: n = A,T,C or G
 US-10-117-937-87

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 Pred. No.: 9,31e-78 Length: 990
 Score: 649.00 Matches: 123
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 15 Gaps: 0

US-09-080-140-25 (1-123) x US-10-117-937-87 (1-990)

QY 1 MetLysAlaValLeuLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
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 QY 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
 Db 78 CTGCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTGGAGAAC 137
 QY 41 CysThrGlnLeuGlyGluGlnCysTrpThrAlaAArgAlaValGlyLeuLeuThr 60
 Db 138 TGCACCCAGCTGGGGAGCAGTGTGGACCGCGGCATCCGCGCAGTTGGCCTCCTGACC 197
 QY 61 ValIleSerLysGlyCysSerLeuAsnCysValAspAspSerGlnAspTyrTrpValGly 80
 Db 198 GTCATCAGCAAGGCTGCAGCTTGAACCTGCTGGTGAAGTCAACAGGACTTACAGGACTTACGTTGGGC 257
 QY 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
 Db 258 AAGAAGAACATCAGTGTGTGACACCGACTTGTGCAACGCCAGCGGGGCCCATGCCCCG 317
 QY 101 GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGlyPro 120
 Db 318 CAGCCGGCTGCCCATCTTGGCTGCTCCCTGCACTCGGCTGCTGCTCTCTGGGGAACC 377
 QY 121 GlyGlnLeu 123
 Db 378 GGCCAGCTA 386

RESULT 2

US-10-240-425-386
 ; Sequence 386, Application US/10240425
 ; Publication NO. US20040033502A1
 ; GENERAL INFORMATION:

; APPLICANT: Williams, Amanda
 ; APPLICANT: Boland, Joseph P.
 ; APPLICANT: Lord, Reginald V.
 ; APPLICANT: Alvarez, Chris
 ; APPLICANT: Wetzel, Jon C.
 ; APPLICANT: Scherf, Uwe
 ; APPLICANT: Vockley, Joseph G.
 ; TITLE OF INVENTION: Gene Expression Profiles in Esophageal Tissue
 ; FILE REFERENCE: 44921-5026
 ; CURRENT APPLICATION NUMBER: US/10/240,425
 ; CURRENT FILING DATE: 2002-09-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/09847
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: US 60/193,446
 ; PRIOR FILING DATE: 2000-03-31
 ; NUMBER OF SEQ ID NOS: 1588
 ; SOFTWARE: Patent In Ver. 2.1
 ; SEQ ID NO 386
 ; LENGTH: 990

; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: Genbank Accession No. US20040033502A1 AF043498
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: (1)...(981)
 ; OTHER INFORMATION: n = a or c or g or t
 US-10-240-425-386

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 Pred. No.: 9,31e-78 Length: 990
 Score: 649.00 Matches: 123
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
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US-09-080-140-25 (1-123) x US-10-240-425-386 (1-990)

QY 1 MetLysAlaValLeuLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
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 QY 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
 Db 78 CTGCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTGGAGAAC 137
 QY 41 CysThrGlnLeuGlyGluGlnCysTrpThrAlaAArgAlaValGlyLeuLeuThr 60
 Db 138 TGCACCCAGCTGGGGAGCAGTGTGGACCGCGGCATCCGCGCAGTTGGCCTCCTGACC 197
 QY 61 ValIleSerLysGlyCysSerLeuAsnCysValAspAspSerGlnAspTyrTrpValGly 80
 Db 198 GTCATCAGCAAGGCTGCAGCTTGAACCTGCTGGTGAAGTCAACAGGACTTACAGGACTTACGTTGGGC 257
 QY 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
 Db 258 AAGAAGAACATCAGTGTGTGACACCGACTTGTGCAACGCCAGCGGGGCCCATGCCCCG 317
 QY 101 GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGlyPro 120
 Db 318 CAGCCGGCTGCCCATCTTGGCTGCTCCCTGCACTCGGCTGCTGCTCTCTGGGGAACC 377
 QY 121 GlyGlnLeu 123
 Db 378 GGCCAGCTA 386

RESULT 3

US-10-188-832-168
 ; Sequence 168, Application US/10188832
 ; Publication NO. US20040076955A1
 ; GENERAL INFORMATION:

; APPLICANT: Mack, David H.
 ; APPLICANT: Aziz, Natasha
 ; APPLICANT: Eos Biotechnology, Inc.
 ; TITLE OF INVENTION: Methods of Diagnosis of Bladder Cancer, Compositions
 ; TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder
 ; TITLE OF INVENTION: Cancer
 ; FILE REFERENCE: 018501-002330US
 ; CURRENT APPLICATION NUMBER: US/10/188,832
 ; CURRENT FILING DATE: 2002-11-22
 ; PRIOR APPLICATION NUMBER: US 60/302,814
 ; PRIOR FILING DATE: 2001-07-03
 ; PRIOR APPLICATION NUMBER: US 60/310,099
 ; PRIOR FILING DATE: 2001-08-03
 ; PRIOR APPLICATION NUMBER: US 60/343,705
 ; PRIOR FILING DATE: 2001-11-08
 ; PRIOR APPLICATION NUMBER: US 60/350,666
 ; PRIOR FILING DATE: 2001-11-13
 ; PRIOR APPLICATION NUMBER: US 60/372,246
 ; PRIOR FILING DATE: 2002-04-12
 ; NUMBER OF SEQ ID NOS: 207

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; PRIOR FILING DATE: 1999-05-25
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; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
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; NAME/KEY: misc feature
; LOCATION: [580]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: [584]
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Db 138 TGACCCAGCTGGGGAGAGCTGCTGACCGCGGCATCCGCGAGTTGGCTTCTTGACC 197
QY 61 ValIleSerIysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
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Db 258 AAGAAGAACATCACGTGCTGTGACCGGACTTGTGCAACGCCGCGGGGCCATGCGCCTG 317
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Db 318 CAGCGGCTGCGGCATCCTTGGCTGTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 377
QY 121 GlyGlnLeu 123
Db 378 GGCCAGCTA 386
RESULT 6
US-09-855-153-1
; Sequence 1, Application US/09855153
; Patent No. US20020102666A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/855,153
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: [543]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
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; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
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; LOCATION: [584]
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; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-855-153-1

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Alignment Scores:
Pred. No.:          9,42e-78          Length:          998
Score:             649.00             Matches:         123
Percent Similarity: 100.00%             Conservative:    0
Best Local Similarity: 100.00%           Mismatches:     0
Query Match:       100.00%             Indels:         0
DB:                9                  Gaps:          0

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US-09-080-140-25 (1-123) x US-09-855-153-1 (1-998)

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Qy 1 MetLysAlaValLeuLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
Db 18 ATGAAGGCTGTCTGCTTCCCTGTGTGATGGCAGGCTTGGCCCTGCAGCCAGGCACTGCC 77
Qy 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
Db 78 CTGCTGTGTCTACTCTCTCAAGCCAGGCTGAGCAACAGGACTGCGCTGCAGGTGAGAAC 137
Qy 41 CysThrGlnLeuGlyGluGlnCysTyrThrAlaArgIleAtrAlaValGlyLeuLeuThr 60
Db 138 TGCACCCAGCTGGGGAGGAGCTGTGACCCGCCGCGCATCCCGGCAGTTGGCCCTCCTGACC 197
Qy 61 VallieSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
Db 198 GTCATCAGCAAGGCTGCAGCTTGAACCTGGTGGATGACTCACAGGACTACTACGTGGGC 257
Qy 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
Db 258 AAGAGAAACATCAGCTGTGTGACACCGACTGTGTCAACGCGCAGCGGGGCCCATGCCCTG 317
Qy 101 GlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTyrGlyPro 120
Db 318 CAGCGGCTGCGGCATCTTGGCTGTCTCCCTGCATCTGGCCTGCTGTCTGGGGACCC 377

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RESULT 7

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US-09-854-811-1
; Sequence 1, Application US/09854811
; Patent No. US20020119157A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: FSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/854,811
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA

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; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-854-811-1

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Alignment Scores:
Pred. No.:          9,42e-78          Length:          998
Score:             649.00             Matches:         123
Percent Similarity: 100.00%             Conservative:    0
Best Local Similarity: 100.00%           Mismatches:     0
Query Match:       100.00%             Indels:         0
DB:                9                  Gaps:          0

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US-09-080-140-25 (1-123) x US-09-854-811-1 (1-998)

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Qy 1 MetLysAlaValLeuLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
Db 18 ATGAAGGCTGTGTGCTGTGCTTGGCCCTGTGATGGCAGGCTTGGCCCTGCAGCCAGGCACTGCC 77
Qy 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
Db 78 CTGCTGTGTCTACTCTCTCAAGCCAGGCTGAGCAACAGGACTGCTGCTGCAGGTGAGAAC 137
Qy 41 CysThrGlnLeuGlyGluGlnCysTyrThrAlaArgIleAtrAlaValGlyLeuLeuThr 60
Db 138 TGCACCCAGCTGGGGAGGAGCTGTGACCCGCCGCGCATCCCGGCAGTTGGCCCTCCTGACC 197
Qy 61 VallieSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
Db 198 GTCATCAGCAAGGCTGCAGCTTGAACCTGGTGGATGACTCACAGGACTACTACGTGGGC 257
Qy 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
Db 258 AAGAGAAACATCAGCTGTGTGACACCGACTTGTGTCAACGCGCAGCGGGGCCCATGCCCTG 317
Qy 101 GlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTyrGlyPro 120
Db 318 CAGCGGCTGCGGCATCTTGGCTGTCTCCCTGCATCTGGCCTGCTGTCTGGGGACCC 377
Qy 121 GlyGlnLeu 123

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Db          378 GCCCAGCTA 386
RESULT 8
US-09-934-773-1
; Sequence 1, Application US/09934773
; Patent No. US20020136689A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/934,773
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature

; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-934-773-1
Alignment Scores:
Pred. No.:          9.42e-78          Length:          998
Score:              649.00           Matches:          123
Percent Similarity: 100.00%           Conservative:      0
Best Local Similarity: 100.00%         Mismatches:       0
Query Match:        100.00%           Indels:           0
DB:                 9                 Gaps:            0
US-09-080-140-25 (1-123) x US-09-934-773-1 (1-998)
QY    1 MetLysAlaValLeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
Db    18 ATGAAGGCTGTGCTGCTTGGCCCTGTGATGGCAGGCTTGGCCCTGCAGCCAGGCACTGCC 77
QY    21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
Db    78 CTGCTGTGCTACTCTCTCAAGCCCGAGGTGAGCAACGAGGACTGCTGCAGGTGGAGAAC 137
QY    41 CysThrGlnLeuGlyGluGlnCysTrpThrAlaArgIleArgAlaValGlyLeuLeuThr 60
Db    138 TGCACCCAGCTGGGGGAGCAGTGTGGACCGCGCATCCGCGCAGTTGGCCCTCCTGACC 197
QY    61 ValIleSerLysGlyCysSerLeuAsnCysValAspAspSerGlnAspTyrTyrValGly 80
Db    198 GTCATCAGCAAGGCTGCAGCTTGAACTCGTGGTGAATGACTCACAGGACTTACCTGGG 257
QY    81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
Db    258 AAGAAGAACATCAGCTGTGTGACACCCACTGTGTCAACGCCAGCGGGCCCATGCCCTG 317
QY    101 GlnProAlaAlaAlaIleLeuAlaLeuLeuProAlaLeuGlyLeuLeuLeuTrpGlyPro 120
Db    318 CAGCGCGCTGGCGCCATCCTTGGCTGCTCCCTGCATCGGCTGTGCTCTGGGAGCC 377
QY    121 GlyGlnLeu 123
Db    378 GGCCAGCTA 386
RESULT 9
US-09-963-620-1
; Sequence 1, Application US/09963620
; Patent No. US20020141941A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/963,620
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
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प्रत्येक

PRIOR FILING DATE: 1999-07-20
 PRIOR APPLICATION NUMBER: 08/814,279
 PRIOR FILING DATE: 1997-03-10
 PRIOR APPLICATION NUMBER: 60/071,141
 PRIOR FILING DATE: 1998-01-12
 PRIOR APPLICATION NUMBER: 60/074,675
 PRIOR FILING DATE: 1998-02-13
 PRIOR APPLICATION NUMBER: 60/113,230
 PRIOR FILING DATE: 1998-12-21
 PRIOR APPLICATION NUMBER: 60/120,536
 PRIOR FILING DATE: 1999-02-17
 PRIOR APPLICATION NUMBER: 60/124,658
 PRIOR FILING DATE: 1999-03-16
 PRIOR APPLICATION NUMBER: 09/038,261
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 09/203,939
 PRIOR FILING DATE: 1998-12-02
 Remaining prior Application data removed - See File Wrapper
 NUMBER OF SEQ ID NOS: 27
 SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: [543]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

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FEATURE:

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, , LOCATION: (580)
, , OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
, , FEATURE:
, , NAME/KEY: misc_feature
, , LOCATION: (584)
, , OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
, , FEATURE:
, , NAME/KEY: misc_feature
, , LOCATION: (604)
, , OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
, , FEATURE:
, , NAME/KEY: misc_feature
, , LOCATION: (608)
, , OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
, , FEATURE:
, , NAME/KEY: misc_feature
, , LOCATION: (615)
, , OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
, , FEATURE:
, , NAME/KEY: misc_feature
, , LOCATION: (636)
, , OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
, , FEATURE:
, , NAME/KEY: misc_feature
, , LOCATION: (640)
, , OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
, , FEATURE:

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; LOCATION: [646]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [697]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [926]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-10-225-784-1

Alignment Scores:
Pred. No.: 9,42e-78 Length: 998
Score: 649.00 Matches: 123

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Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	15	Gaps:	0

US-09-080-140-25 (1-123) x US-10-225-784-1 (1-998)

QY	1	MetLysAlaValLeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla	20
DB	18	ATGAAGGCTGTGTGCTTGCCCTGTGATGGCAGGCTTGGCCCTGCAGCCAGGCACTGCC	77
QY	21	LeuLeuCysTyrSerCysIysAlaGlnValSerIasnGluAspCysLeuGlnValGluAsn	40
DB	78	CTGCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTCCCTGCAGTGGGAAC	137
QY	41	CysThrGlnLeuGlyGluGlnCysTrpThrAlaArgIleArgAlaValGlyLeuLeuThr	60
DB	138	TGCACCCAGCTGGGGAGCAGTGTCTGACCCGGCGGCATCCGCGAGTTGGCCCTCGTGACC	197
QY	61	ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrValGly	80
DB	198	GTCATCAGCAAGGCTGCAGCTGAACCTGCTGATGACTCACAGGACTACTACGTGGGC	257
QY	81	LysLysAsnIleThrCysCysAspThrAspLeuCysAsnIleSerGlyAlaHisAlaLeu	100
DB	258	AAGAGAACAATCAGCTGTGTGCACCCGACTTGTGCACGCCAGCGGGGCCATGCCCTG	317
QY	101	GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuTrpGlyPro	120
DB	318	CAGCCGGCTGGCGCAATCCTTCCCTGCACTCGGCCCTGTGCTCTGGGGACCC	377
QY	121	GlyGlnLeu	123
DB	378	GGCCAGCTA	386

RESULT 12

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US-10-224-720-1
; Sequence 1, Application US/10224720
; Publication No. US20030147806A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PCSA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/10/224,720
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US/09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA

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Alignment Scores:	
Pred. No.:	9,42e-78
Score:	649.00
Percent Similarity:	100.00%
Best Local Similarity:	100.00%
Query Match:	100.00%
DB:	15
Gaps:	0
Indels:	0
Mismatches:	0
Conservative:	0
Matches:	123
Length:	998

US-09-080-140-25 (1-123) x US-10-224-720-1 (1-998)

Qy	1	MetLysAlaValLeuAlaLeuLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla	20
Db	18	ATGAAGGCTGTCTGCTTGCCTGTGTATGACGGCTTGCCCTTCAGCCAGGCACTGCC	77
Qy	21	LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn	40
Db	78	CTGTGTGTCTACTCTCTGAAAGCCAGGTGAGCAACAGAGACTGCCTGCAGTSGAGAAC	137
Qy	41	CysThrGlnLeuGlyGluGlnCysTrpThrAlaargileargAlaValGlyLeuLeuThr	60
Db	138	TGCACCCAGCTGGGGGAGAGTGTGTGACCCGGCGCATCCGCGCACTTGGCTCTCCTGACC	197
Qy	61	ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly	80
Db	198	GTCATCACAAGGCTGCAGCTTGAATCGGTGGATGACTTCACAGGACTACTACGTGGAC	257

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QY      81  LysLysAsnLleThrCysCysAspThrAspLeuLeuProAlaLeuGlyAlaHisAlaLeu 100
      |||
Db      258  AAGAAGAACATCATCGTGTGTGACACCGACTGTGTGCAACGCCAGCGGGGCCCATGCCCCCTG 317

QY      101  GlnProAlaAlaLleLeuAlaLeuLeuProAlaLeuGlyLeuLeuLeuTrrpGlyPro 120
      |||
Db      318  CAGCCGGCTGCGGCATCCTTGGCGTGTCTCCCTGCATCGGCCCTGCTCTGGGGACCC 377

QY      121  GlyGlnLeu 123
      |||
Db      378  GCCCAGCTA 386

RESULT 13
US-10-225-779-1
; Sequence 1, Application US/10225779
; Publication No. US20030153016A1
; GENERAL INFORMATION:
; APPLICANT: Witte, Robert E.
; APPLICANT: Safran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/10/225,779
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US/09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (608)
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; FEATURE:
; NAME/KEY: misc feature

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; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; US-10-225-779-1

Alignment Scores:
Pred. No.:          9,42e-78          Length:          998
Score:              649.00           Matches:         123
Percent Similarity: 100.00%           Conservative:    0
Best local Similarity: 100.00%         Mismatches:     0
Query Match:        100.00%           Indels:         0
DB:                 15                Gaps:          0

US-09-080-140-25 (1-123) x US-10-225-779-1 (1-998)

QY      1  MetLysAlaValLeuAlaLeuAlaLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla 20
      |||
Db      18  ATGAAGGCTGTGCTGCTTGCCTTGTGATGGCAGCTTGGCCCTTGCAGCCAGGCACTGCC 77

QY      21  LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAAspCysLeuGlnValGluAsn 40
      |||
Db      78  CTGCTGTGCTACTCTCTGCANAGCCAGGTGAGCAACAGGAGCTGCTGCAGGTGGAGAAC 137

QY      41  CysThrGlnLeuGlyGluGlnCysTrpThrAlaArgLleArgAlaValGlyLeuLeuThr 60
      |||
Db      138  TGCACCCAGCTGGGGAGCAGTGTGTGACCGCGCATCCGGCGCAGTTGGCCCTCTCTGACC 197

QY      61  ValLleSerLysGlyCysSerLeuAsnCysValAspAspSerGlnAspTyrTrValGly 80
      |||
Db      198  GTCATCAGCAAGGCTGCAGCTTGAACTCGGTGGATGACTCAGGACTACTACTACGTGGGC 257

QY      81  LysLysAsnLleThrCysCysAspThrAspLeuLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
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Db      258  AAGAAGAACATCATCGTGTGTGACACCGACTGTGTGCAACGCCAGCGGGGCCCATGCCCCCTG 317

QY      101  GlnProAlaAlaLleLeuAlaLeuLeuProAlaLeuGlyLeuLeuTrrpGlyPro 120
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Db      318  CAGCCGGCTGCGGCATCCTTGGCGTGTCTCCCTGCATCGGCCCTGCTCTGGGGACCC 377

QY      121  GlyGlnLeu 123
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Db      378  GCCCAGCTA 386

RESULT 14
US-10-374-381-1
; Sequence 1, Application US/10374381
; Publication No. US20030228318A1
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Safran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/10/374,381

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Alignment Scores:			
Pred. No.:	9.42e-78	Length:	998
Score:	649.00	Matches:	123
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Best Local Similarity:	100.00%	Mismatches:	0
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US-09-080-140-25 (1-123) x US-10-374-381-1 (1-998)			
QY	1	MetLysAlaValLeuLeuAlaLeuLeuMetAlaGlyLeuAlaLeuGlnProGlyThrAla	20
Db	18	ATGAGAGCTGTGCTGTCTGGCCCTGTGATGGCAGGCTTGGCCCTGCAGCCAGGCACTGCC	77
QY	21	LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn	40
Db	78	CTGCTGTGCTACTCTCTCAAGCCCGGTGAGCAACGAGGACTGCCTGCAGGTGAGAAC	137
QY	41	CysThrGlnLeuGlyGluGlnCysTrpThrAlaArgLeuArgAlaValGlyLeuLeuThr	60
Db	138	TGACCCAGCTGGGGGAGCAGTGTGGACCGCGGCATCCGCGCAGTTGGCTCTCTGACC	197
QY	61	ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly	80
Db	198	GTCAATCAGCAAGCGTGCACCTTGAACCTGGTGGATGACTCACAGGACTACTAGTGGGC	257
QY	81	LysLysAsnIleThrCysCysAspThrAspLeuCysAsnLaserGlyAlaHAlaLeu	100
Db	258	AGAAGAATCATCACGTGCTGTGACACCGACTTGTGCAACGCCAGCGGGGCCCATGCCCTG	317
QY	101	GlnProAlaAlaLalleLeuAlaLeuLeuProAlaLeuGlyLeuLeuLeuTrpGlyPro	120
Db	318	CAGCCGGCTGCCGCCATCCTTGGCGTCTCCCTGCACCTGGCGCTGTCTCTGGGGACC	377
QY	121	GlyGlnLeu	123
Db	378	GCCAGCTA	386
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; Sequence 1, Application US/10446542			
; Publication No. US20040018571A1			
; GENERAL INFORMATION:			
; APPLICANT: Reiter, Robert E.			
; APPLICANT: Witte, Owen N.			
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF			
; FILE REFERENCE: 30435.54US14			
; CURRENT APPLICATION NUMBER: US/10/446,542			
; CURRENT FILING DATE: 2003-05-27			
; PRIOR APPLICATION NUMBER: US/09/855,153			
; PRIOR FILING DATE: 2001-05-14			
; PRIOR APPLICATION NUMBER: 09/564,329			
; PRIOR FILING DATE: 2000-05-03			
; PRIOR APPLICATION NUMBER: 09/359,326			
; PRIOR FILING DATE: 1999-07-20			
; PRIOR APPLICATION NUMBER: 08/814,279			
; PRIOR FILING DATE: 1997-03-10			
; PRIOR APPLICATION NUMBER: 60/071,141			
; PRIOR FILING DATE: 1998-01-12			
; PRIOR APPLICATION NUMBER: 60/074,675			
; PRIOR FILING DATE: 1998-02-13			
; PRIOR APPLICATION NUMBER: 60/113,230			
; PRIOR FILING DATE: 1998-12-21			
; PRIOR APPLICATION NUMBER: 60/120,536			
; PRIOR FILING DATE: 1999-02-17			
; PRIOR APPLICATION NUMBER: 60/124,658			
; PRIOR FILING DATE: 1999-03-16			
; PRIOR APPLICATION NUMBER: 09/038,261			
; PRIOR FILING DATE: 1998-03-10			
; Remaining Prior Application data removed - See File Wrapper or PALM.			
NUMBER OF SEQ ID NOS: 27			

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
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; ORGANISM: HUMAN PSCA (hPSCA)
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; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
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; NAME/KEY: misc_feature
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; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
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; NAME/KEY: misc_feature
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; NAME/KEY: misc_feature
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; NAME/KEY: misc_feature
; LOCATION: (926)
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US-10-446-542-1
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Pred. No.: 9,42e-78 Length: 998
Score: 649.00 Matches: 123
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 16 Gaps: 0
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US-09-080-140-25 (1-123) x US-10-446-542-1 (1-998)

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QY 21 LeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnValGluAsn 40
Db 78 CTGCTGTGCTACTCTCTCCAGAGCCCGAGTGGACGAGGACTGCCTGCAGGTGGAGAAC 137
QY 41 CysThrGlnLeuGlyGluGlnCysTyrThrAlaArgIleArgAlaValGlyLeuLeuThr 60
Db 138 TGCACCCAGCTGGGGGAGCAGTGTGGACCGCGCGCATCCGCGCAGTTGCCCTCCTGACC 197
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QY 61 ValIleSerLysGlyCysSerLeuAsnCysValAspSerGlnAspTyrTyrValGly 80
Db 198 GTCATCAGCAAGGCTGCAGCTTGAACTGGCTGGATGACTCACAGGACTACTACGTGGGC 257
QY 81 LysLysAsnIleThrCysCysAspThrAspLeuCysAsnAlaSerGlyAlaHisAlaLeu 100
Db 258 AAGAAGAACATCATCGTCTGTGACACCGACTTGTGCAACGCCAGCGGGGCCCATGCCCTG 317
QY 101 GlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGlyPro 120
Db 318 CAGCCGGCTGCCGCCATCCTTGCCTGCTCCCTGCACTCGGCCCTGCTCTCTGGGACCC 377
QY 121 GlyGlnLeu 123
Db 378 GGCCAGCTA 386
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Search completed: October 22, 2004, 18:29:40
Job time : 781.512 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 23, 2004, 13:16:50 ; Search time 37.2381 Seconds
(without alignments)

648.981 Million cell updates/sec

Title:

Perfect score: 191

Sequence: 1 TALLCYSKAQVSNEDCLQVENCQLGECQWTAR 34

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Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Delop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Command line parameters:

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Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	191	100.0	232	2	US-08-675-508-25
2	191	100.0	286	2	US-08-675-508-21
3	191	100.0	288	2	US-08-675-508-23
4	191	100.0	494	2	US-08-675-508-4
5	191	100.0	960	4	US-09-907-794A-17
6	191	100.0	960	4	US-09-905-125A-17
7	191	100.0	960	4	US-09-902-775A-17
8	191	100.0	960	4	US-09-906-700-17
9	191	100.0	960	4	US-09-903-603A-17
10	191	100.0	998	3	US-09-203-939-1
11	191	100.0	998	3	US-09-251-835-1
12	191	100.0	998	3	US-09-318-503-1

13	191	100.0	998	3	US-09-038-261A-1	Sequence 1, Appli
14	191	100.0	998	4	US-09-564-329A-1	Sequence 1, Appli
15	191	100.0	998	4	US-09-963-620-1	Sequence 1, Appli
16	191	100.0	998	4	US-09-855-632-1	Sequence 1, Appli
17	170	89.0	373	4	US-09-513-999C-610	Sequence 610, App
18	105	55.0	441	3	US-09-203-939-3	Sequence 3, Appli
19	105	55.0	441	3	US-09-451-835-3	Sequence 3, Appli
20	105	55.0	441	3	US-09-318-503-3	Sequence 3, Appli
21	105	55.0	441	3	US-09-038-261A-3	Sequence 3, Appli
22	105	55.0	441	4	US-09-564-329A-3	Sequence 3, Appli
23	105	55.0	441	4	US-09-963-620-3	Sequence 3, Appli
24	105	55.0	441	4	US-09-855-632-3	Sequence 3, Appli
25	77	40.3	44	4	US-09-907-794A-21	Sequence 21, Appl
26	77	40.3	44	4	US-09-905-125A-21	Sequence 21, Appl
27	77	40.3	44	4	US-09-902-775A-21	Sequence 21, Appl
28	77	40.3	44	4	US-09-906-700-21	Sequence 21, Appl
29	77	40.3	44	4	US-09-903-603A-21	Sequence 21, Appl
30	61	31.9	262	2	US-08-675-508-10	Sequence 10, Appl
31	61	31.9	289	2	US-08-675-508-11	Sequence 11, Appl
32	61	31.9	526	4	US-09-513-999C-14133	Sequence 14133, A
33	61	31.9	537	2	US-08-675-508-3	Sequence 3, Appli
34	61	31.9	1066	1	US-08-154-916-1	Sequence 1, Appli
35	61	31.9	1095	2	US-09-139-424-1	Sequence 1, Appli
36	61	31.9	1163	3	US-08-746-397-1	Sequence 1, Appli
37	59.5	31.2	2727	4	US-09-248-796A-638	Sequence 638, App
38	59	30.9	280	2	US-08-675-508-17	Sequence 17, Appl
39	59	30.9	540	2	US-08-448-561-3	Sequence 3, Appli
40	59	30.9	2031	2	US-08-448-561-2	Sequence 2, Appli
41	58	30.4	469	4	US-09-621-976-11011	Sequence 11011, A
42	57	29.8	335	2	US-08-675-508-12	Sequence 12, Appl
43	57	29.8	802	3	US-09-724-864-12	Sequence 12, Appl
44	56.5	29.6	12658	4	US-08-956-171B-127	Sequence 127, App
45	56.5	29.6	12658	4	US-08-781-986A-127	Sequence 127, App

ALIGNMENTS

RESULT 1

US-08-675-508-25
; Sequence 25, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:

APPLICANT: Au-Young, Janice
TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
CITY: 3174 Porter Drive
STATE: Palo Alto
COUNTRY: U.S.
ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/675,508
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0066 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

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; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1315052
US-08-675-508-25

Alignment Scores:
Pred. No.: 1.44e-20 Length: 232
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

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Db 60 ACTGCCCTGCTGTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCCTGCAGGTG 119

QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 120 GAGAACTGCACCCAGCTGGGGAGGAGTGTGTGACCGCGGC 161

RESULT 2
US-08-675-508-21
; Sequence 21, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 286 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1315259
US-08-675-508-23

Alignment Scores:
Pred. No.: 1.92e-20 Length: 288
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

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QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 121 GAGAACTGCACCCAGCTGGGGAGGAGTGTGTGACCGCGGC 162

RESULT 4
US-08-675-508-4
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; Sequence 4, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 494 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: SCAH-2
; CLONE:
; US-08-675-508-4

Alignment Scores:
Pred. No.: 3,948-20 Length: 494
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

US-09-080-140-26 (1-34) x US-08-675-508-4 (1-494)

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Qy 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
Db 121 GAGAACTCACCCAGCTGGGGAGCAGTCTGCTGACCGCGGC 162

RESULT 5
; Sequence 17, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; SEQ ID NO 17
; SEQ ID NO 17
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; US-09-907-794A-17

Alignment Scores:
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Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-26 (1-34) x US-09-907-794A-17 (1-960)

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QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
Db 104 GAGAACTGCACCCAGCTGGGGAGCAGTGTCTGGACCGCGCGC 145

RESULT 6
US-09-905-125A-17
; Sequence 17, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-905-125A-17

Alignment Scores:
Pred. No.: 9.52e-20 Length: 960
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: Gaps: 0

US-09-080-140-26 (1-34) x US-09-905-125A-17 (1-960)
QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 44 ACTGCCCTGCTGTCTACTCTCTGCAAGGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 103
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
Db 104 GAGAACTGCACCCAGCTGGGGAGCAGTGTCTGGACCGCGCGC 145

RESULT 7
US-09-902-775A-17
; Sequence 17, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
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; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-902-775A-17

Alignment Scores:
Pred. No.:          9,52e-20      Length:          960
Score:              191.00        Matches:         34
Percent Similarity: 100.00%       Conservative:    0
Best Local Similarity: 100.00%    Mismatches:     0
Query Match:        100.00%       Indels:          0
DB:                  4              Gaps:            0

US-09-080-140-26 (1-34) x US-09-902-775A-17 (1-960)

QY      1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db      44 ACTGCCCTGCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTCGAGGTG 103

QY      21 GluAsnCysThrGlnLeuGlnCysTTrpThrAlaArg 34
Db      104 GAGAACTGCACCCAGCTGGGGAGCAGTGTCTGGACCGCGGC 145

RESULT 8
US-09-906-700-17
; Sequence 17, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
```

GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo sapiens
US-09-903-603A-17

Alignment Scores:

Pred. No.: 9,52e-20 Length: 960
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0
US-09-080-140-26 (1-34) x US-09-903-603A-17 (1-960)
QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 44 ACTGCCCTGCTGTCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCCTGCAGGTG 103
QY 21 GluAsnCysThrGlnLeuGlyGlnCysTyrThrAlaArg 34
Db 104 GAGAACTGCACCCAGCTGGGGGAGCAGTCTGGACCGCGGC 145
RESULT 10
US-09-203-939-1
Sequence 1, Application US/09203939
Patent No. 6258939
GENERAL INFORMATION:
APPLICANT: Reiter, Robert E.
APPLICANT: Witte, Owen N.
TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
FILE REFERENCE: 30435.54US11
CURRENT APPLICATION NUMBER: US/09/203,939
CURRENT FILING DATE: 2000-12-02
PRIOR APPLICATION NUMBER: 08/814,279
PRIOR FILING DATE: 1997-03-10
PRIOR APPLICATION NUMBER: 60/071,141
PRIOR FILING DATE: 1998-01-12
PRIOR APPLICATION NUMBER: 60/074,675
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: 09/038,261
PRIOR FILING DATE: 1998-03-10
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 998
TYPE: DNA
ORGANISM: HUMAN PSCA (hPSCA)
FEATURE:
NAME/KEY: misc feature
LOCATION: (543)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (580)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (584)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (604)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (608)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (615)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (636)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (640)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (646)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: (697)
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)

; NAME/KEY: misc_feature
 ; LOCATION: (926)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 US-09-203-939-1

Alignment Scores:
 Pred. No.: 1e-19 Length: 998
 Score: 191.00 Matches: 34
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 3 Gaps: 0

US-09-080-140-26 (1-34) x US-09-203-939-1 (1-998)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluApcCysLeuGlnVal 20
 Db 72 ACTGCCCTGCTGTCTACTCTGCAAAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 131
 QY 21 GluAsnCysThrGlnLeuGlyGlnCysTTPThrAlaArg 34
 Db 132 GAGAACTGACCCAGCTGGGGAGCAGTGTCTGGACCGCGC 173

RESULT 11

US-09-251-835-1
 ; Sequence 1, Application US/09251835A
 ; Patent No. 6261791
 ; GENERAL INFORMATION:
 ; APPLICANT: Reiter, Robert E.
 ; APPLICANT: Witte, Owen N.
 ; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
 ; FILE REFERENCE: 30435.54US12
 ; CURRENT APPLICATION NUMBER: US/09/251,835A
 ; CURRENT FILING DATE: 1999-02-17
 ; PRIOR APPLICATION NUMBER: 08/814,279
 ; PRIOR FILING DATE: 1997-03-10
 ; PRIOR APPLICATION NUMBER: 60/071,141
 ; PRIOR FILING DATE: 1998-01-12
 ; PRIOR APPLICATION NUMBER: 60/074,675
 ; PRIOR FILING DATE: 1998-02-13
 ; PRIOR APPLICATION NUMBER: 09/038,261
 ; PRIOR FILING DATE: 1998-03-10
 ; PRIOR APPLICATION NUMBER: 09/203,939
 ; PRIOR FILING DATE: 1998-12-02
 ; NUMBER OF SEQ ID NOS: 16
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 998
 ; TYPE: DNA
 ; ORGANISM: HUMAN PSCA (hPSCA)
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (543)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (580)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (584)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (604)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (608)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (615)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (636)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature

; LOCATION: (640)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (646)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (697)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (926)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 US-09-251-835-1

Alignment Scores:
 Pred. No.: 1e-19 Length: 998
 Score: 191.00 Matches: 34
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 3 Gaps: 0

US-09-080-140-26 (1-34) x US-09-251-835-1 (1-998)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluApcCysLeuGlnVal 20
 Db 72 ACTGCCCTGCTGTCTACTCTGCAAAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 131
 QY 21 GluAsnCysThrGlnLeuGlyGlnCysTTPThrAlaArg 34
 Db 132 GAGAACTGACCCAGCTGGGGAGCAGTGTCTGGACCGCGC 173

RESULT 12

US-09-318-503-1
 ; Sequence 1, Application US/09318503A
 ; Patent No. 6261791
 ; GENERAL INFORMATION:
 ; APPLICANT: Reiter, Robert E.
 ; APPLICANT: Witte, Owen N.
 ; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
 ; FILE REFERENCE: 30435.54US13
 ; CURRENT APPLICATION NUMBER: US/09/318,503A
 ; CURRENT FILING DATE: 1999-05-25
 ; EARLIER APPLICATION NUMBER: 08/814,279
 ; EARLIER FILING DATE: 1997-03-10
 ; EARLIER APPLICATION NUMBER: 60/071,141
 ; EARLIER FILING DATE: 1998-01-12
 ; EARLIER APPLICATION NUMBER: 60/074,675
 ; EARLIER FILING DATE: 1998-02-13
 ; EARLIER APPLICATION NUMBER: 09/038,261
 ; EARLIER FILING DATE: 1998-03-10
 ; EARLIER APPLICATION NUMBER: 09/203,939
 ; EARLIER FILING DATE: 1998-12-02
 ; EARLIER APPLICATION NUMBER: 09/251,835
 ; EARLIER FILING DATE: 1999-02-17
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 998
 ; TYPE: DNA
 ; ORGANISM: HUMAN PSCA (hPSCA)
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (543)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (580)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (584)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature

; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-318-503-1

Alignment Scores:
Pred. No.: 1e-19 Length: 998
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-26 (1-34) x US-09-318-503-1 (1-998)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 72 ACTGCCCTGCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 131
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
Db 132 GAGAACTGCACCCAGCTGGGGAGCAGTGTGTGACCGCGC 173

RESULT 13
US-09-038-261A-1
; Sequence 1, Application US/09038261A
; Patent No. 6267960
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54USU1
; CURRENT APPLICATION NUMBER: US/09/038,261A
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA

; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-038-261A-1

Alignment Scores:
Pred. No.: 1e-19 Length: 998
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-26 (1-34) x US-09-038-261A-1 (1-998)

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QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
Db 132 GAGAACTGCACCCAGCTGGGGAGCAGTGTGTGACCGCGC 173

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US-09-564-329A-1
; Sequence 1, Application US/09564329A
; Patent No. 6541212
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/564,329A
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12

;; PRIOR APPLICATION NUMBER: 60/074,675
;; PRIOR FILING DATE: 1998-02-13
;; PRIOR APPLICATION NUMBER: 60/113,230
;; PRIOR FILING DATE: 1998-12-21
;; PRIOR APPLICATION NUMBER: 60/120,536
;; PRIOR FILING DATE: 1999-02-17
;; PRIOR APPLICATION NUMBER: 60/124,658
;; PRIOR FILING DATE: 1999-03-16
;; PRIOR APPLICATION NUMBER: 09/038,261
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 09/203,939
;; PRIOR FILING DATE: 1998-12-02
;; PRIOR APPLICATION NUMBER: 09/251,835
;; PRIOR FILING DATE: 1999-02-17
;; PRIOR APPLICATION NUMBER: 09/308,503
;; PRIOR FILING DATE: 1999-05-25
;; NUMBER OF SEQ ID NOS: 27
;; SOFTWARE: PatentIn Ver. 2.0
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;; NAME/KEY: misc.feature
;; LOCATION: (580)
;; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
;; NAME/KEY: misc.feature
;; LOCATION: (584)
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;; NAME/KEY: misc.feature
;; LOCATION: (604)
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;; LOCATION: (615)
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;; LOCATION: (646)
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;; LOCATION: (697)
;; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
;; NAME/KEY: misc.feature
;; LOCATION: (926)
;; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-564-329A-1

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Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
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US-09-080-140-26 (1-34) x US-09-564-329A-1 (1-998)

QY 1 ThrAlaLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 72 ACTGCCCTCTGTGCTACTCTCTGCAAGCCCGAGGTGAGCAACGAGGACTGCCTGCAGGTG 131
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34

Db 132 GAGAACTGCACCCAGCTGGGGAGGAGCAGTCTCTGACCGCGCGC 173
RESULT 15
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;; Sequence 1, Application US/09963620
;; Patent No. 6756036
;; GENERAL INFORMATION:
;; APPLICANT: Reiter, Robert E.
;; APPLICANT: Witte, Owen N.
;; APPLICANT: Saffran, Douglas C.
;; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
;; FILE REFERENCE: 30435.54US14
;; CURRENT APPLICATION NUMBER: US/09/963,620
;; CURRENT FILING DATE: 2001-09-26
;; PRIOR APPLICATION NUMBER: 09/564,329
;; PRIOR FILING DATE: 2000-05-03
;; PRIOR APPLICATION NUMBER: 09/359,326
;; PRIOR FILING DATE: 1999-07-20
;; PRIOR APPLICATION NUMBER: 08/814,279
;; PRIOR FILING DATE: 1997-03-10
;; PRIOR APPLICATION NUMBER: 60/071,141
;; PRIOR FILING DATE: 1998-01-12
;; PRIOR APPLICATION NUMBER: 60/074,675
;; PRIOR FILING DATE: 1998-02-13
;; PRIOR APPLICATION NUMBER: 60/113,230
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;; PRIOR FILING DATE: 1999-02-17
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;; PRIOR FILING DATE: 1999-05-25
;; NUMBER OF SEQ ID NOS: 27
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;; TYPE: DNA
;; ORGANISM: HUMAN PSCA (hPSCA)
;; FEATURE:
;; NAME/KEY: misc.feature
;; LOCATION: (543)
;; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
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;; LOCATION: (636)
;; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
;; NAME/KEY: misc.feature
;; LOCATION: (640)
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;; LOCATION: (646)
;; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

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; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
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; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-963-620-1
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US-09-080-140-26 (1-34) x US-09-963-620-1 (1-998)

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QY      21  GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
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Db      132  GAGAACTGCACCCAGCTGGGGGAGCAGTGTGGACCGCGGC 173
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Search completed: October 23, 2004, 16:15:16
Job time : 38.2381 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 22, 2004, 13:56:46 ; Search time 215.198 Seconds
(without alignments)
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Title: US-09-080-140-26

Perfect score: 191

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Ygapop 10.0 , Ygapext 0.5
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Searched: 3407233 seqs, 2561960514 residues

Total number of hits satisfying chosen parameters: 6814466

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Database :

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

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SUMMARIES

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2	191	100.0	232	9	US-09-934-586A-25 Sequence 25, Appl
3	191	100.0	279	11	US-09-080-140-3 Sequence 3, Appl
4	191	100.0	286	9	US-09-934-586A-21 Sequence 21, Appl
5	191	100.0	288	9	US-09-934-586A-23 Sequence 23, Appl
6	191	100.0	290	11	US-09-080-140-1 Sequence 1, Appl
7	191	100.0	293	11	US-09-080-140-2 Sequence 2, Appl
8	191	100.0	494	9	US-09-934-586A-4 Sequence 4, Appl
9	191	100.0	801	16	US-10-276-774-997 Sequence 997, App
10	191	100.0	960	9	US-09-909-320-17 Sequence 17, Appl
11	191	100.0	960	9	US-09-909-088B-17 Sequence 17, Appl
12	191	100.0	960	9	US-09-905-291A-17 Sequence 17, Appl
13	191	100.0	960	9	US-09-902-853-17 Sequence 17, Appl
14	191	100.0	960	9	US-09-907-824-17 Sequence 17, Appl
15	191	100.0	960	9	US-09-907-841-17 Sequence 17, Appl
16	191	100.0	960	10	US-09-904-011-17 Sequence 17, Appl
17	191	100.0	960	10	US-09-903-640-17 Sequence 17, Appl
18	191	100.0	960	10	US-09-908-093-17 Sequence 17, Appl
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20	191	100.0	960	10	US-09-906-838-17 Sequence 17, Appl
21	191	100.0	960	10	US-09-907-613-17 Sequence 17, Appl
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24	191	100.0	960	10	US-09-903-204-17 Sequence 17, Appl
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26	191	100.0	960	10	US-09-904-786-17 Sequence 17, Appl
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28	191	100.0	960	10	US-09-906-700-17 Sequence 17, Appl
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30	191	100.0	960	10	US-09-902-903-17 Sequence 17, Appl
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ALIGNMENTS

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; Sequence 4, Application US/09080140
; Publication No. US20040018553A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:

```
;
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,140
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/856,653
; FILING DATE: 15-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6105.US.PI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 207 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-09-080-140-4
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Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 11 Gaps: 0
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QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 121 GAGAACTGCACCCAGCTGGGGGAGCAGTCTGGACCGCGGC 162
RESULT 2
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; Sequence 25, Application US/09934586A
; Patent No. US20020058241A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
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; FILING DATE: 23-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/225,080
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
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QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 120 GAGAACTGCACCCAGCTGGGGGAGCAGTCTGGACCGCGGC 161
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; Sequence 3, Application US/09080140
; Publication No. US20040018553A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
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/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/080,140
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA: 08/856,653
/ FILING DATE: 15-MAY-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Becker, Cheryl L.
/ REGISTRATION NUMBER: 35,441
/ REFERENCE/DOCKET NUMBER: 6105.US.P1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 847/935-1729
/ TELEFAX: 847/938-2623
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 279 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
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Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 11 Gaps: 0
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; Patent No. US20020058241A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/934,586A
; FILING DATE: 23-Aug-2001
; PRIOR APPLICATION NUMBER: 09/225,080
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
/
/ INFORMATION FOR SEQ ID NO: 21:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 286 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-934-586A-21
Alignment Scores:
Pred. No.: 1,71e-20 Length: 286
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0
US-09-080-140-26 (1-34) x US-09-934-586A-21 (1-286)
QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 28 ACTGCCCTCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 87
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 88 GAGAACTGCACCCAGCTGGGGGAGCAGTGTGTGACCGCGC 129
RESULT 5
US-09-934-586A-23
; Sequence 23, Application US/09934586A
; Patent No. US20020058241A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/934,586A
; FILING DATE: 23-Aug-2001
; PRIOR APPLICATION NUMBER: 09/225,080
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
/
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-855-0555
/ TELEFAX: 415-845-4166
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 288 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
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; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1312529
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-934-586A-23

Alignment Scores:
Pred. No.: 1,72e-20 Length: 288
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-26 (1-34) x US-09-934-586A-23 (1-288)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 61 ACTGCCCTGCTGTGCTACTCTCTGAAAGCCAGGTGAGCAACGAGGACTGCCTGCAGGTG 120

QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
Db 121 GAGAACTGCACCCAGCTGGGGAGCAGTGTCTGACCGCGGC 162

RESULT 6
US-09-080-140-1
; Sequence 1, Application US/09080140
; Publication No. US20040018553A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,140
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/856,653
; FILING DATE: 15-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6105.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 290 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 31
; OTHER INFORMATION: /note= "N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 232
; OTHER INFORMATION: /note= "N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 275
; OTHER INFORMATION: /note= "N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 284
; OTHER INFORMATION: /note= "N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
US-09-080-140-1

Alignment Scores:
Pred. No.: 1,74e-20 Length: 290
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 11 Gaps: 0

US-09-080-140-26 (1-34) x US-09-080-140-1 (1-290)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 112 ACTGCCCTGCTGTGCTACTCTCTGAAAGCCAGGTGAGCAACGAGGACTGCCTGCAGGTG 171

QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
Db 172 GAGAACTGCACCCAGCTGGGGAGCAGTGTCTGACCGCGGC 213

RESULT 7
US-09-080-140-2
; Sequence 2, Application US/09080140
; Publication No. US20040018553A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
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/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/080,140
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA: 08/856,653
/ FILING DATE: 15-MAY-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Becker, Cheryl L.
/ REGISTRATION NUMBER: 35,441
/ REFERENCE/DOCKET NUMBER: 6105.US.P1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 847/935-1729
/ TELEFAX: 847/938-2623
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 293 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-080-140-2
/
/ Alignment Scores:
/ Pred. No.: 1.76e-20 Length: 293
/ Score: 191.00 Matches: 34
/ Percent Similarity: 100.00% Conservative: 0
/ Best Local Similarity: 100.00% Mismatches: 0
/ Query Match: 100.00% Indels: 0
/ DB: 11 Gaps: 0
/
/ US-09-080-140-26 (1-34) x US-09-080-140-2 (1-293)
/
/ QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
/ Db 87 ACTGCCCTCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 146
/
/ QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
/ Db 147 GAGAACTGCACCCAGCTGGGGGAGCAGTCTGGACCGCGGC 188
/
/ RESULT 8
/ US-09-934-586A-4
/ Sequence 4, Application US/09934586A
/ Patent No. US20020058241A1
/ GENERAL INFORMATION:
/ APPLICANT: Au-Young, Janice
/ TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Incyte Pharmaceuticals, Inc.
/ STREET: 3174 Porter Drive
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: U.S.
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/934,586A
/ FILING DATE: 23-Aug-2001
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/225,080
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Billings, Lucy J.
```

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/ REGISTRATION NUMBER: 36,749
/ REFERENCE/DOCKET NUMBER: PF-0066 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-855-0555
/ TELEFAX: 415-845-4166
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 494 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ IMMEDIATE SOURCE:
/ LIBRARY: SC4H-2
/ CLONE: <Unknown>
/ SEQUENCE DESCRIPTION: SEQ ID NO: 4:
/ US-09-934-586A-4
/
/ Alignment Scores:
/ Pred. No.: 3.36e-20 Length: 494
/ Score: 191.00 Matches: 34
/ Percent Similarity: 100.00% Conservative: 0
/ Best Local Similarity: 100.00% Mismatches: 0
/ Query Match: 100.00% Indels: 0
/ DB: 9 Gaps: 0
/
/ US-09-080-140-26 (1-34) x US-09-934-586A-4 (1-494)
/
/ QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
/ Db 61 ACTGCCCTCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 120
/
/ QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
/ Db 121 GAGAACTGCACCCAGCTGGGGGAGCAGTCTGGACCGCGGC 162
/
/ RESULT 9
/ US-10-276-774-997
/ Sequence 997, Application US/10276774
/ Publication No. US20040053245A1
/ GENERAL INFORMATION:
/ APPLICANT: Hyseq, Inc.
/ APPLICANT: Tang, Y. Tom et al
/ TITLE OF INVENTION: NO. US20040053245A1el Nucleic Acids and Polypeptides
/ FILE REFERENCE: 21272-030
/ CURRENT APPLICATION NUMBER: US/10/276,774
/ CURRENT FILING DATE: 2002-11-18
/ PRIOR APPLICATION NUMBER: 09/560,875
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 09/496,914
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 2700
/ SOFTWARE: Custom
/ SEQ ID NO 997
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-276-774-997
/
/ Alignment Scores:
/ Pred. No.: 6.12e-20 Length: 801
/ Score: 191.00 Matches: 34
/ Percent Similarity: 100.00% Conservative: 0
/ Best Local Similarity: 100.00% Mismatches: 0
/ Query Match: 100.00% Indels: 0
/ DB: 16 Gaps: 0
/
/ US-09-080-140-26 (1-34) x US-10-276-774-997 (1-801)
/
/ QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
/ Db 418 ACTGCCCTCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 477
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QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
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Db 478 GAGAACTGCACCCAGCTGGGGGAGCAGTGTCTGACCGCGGC 519

RESULT 10

US-09-909-320-17
; Sequence 17, Application US/09909320
; Patent No. US20020132240A1

GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/909,320

; PRIOR FILING DATE: 2002-01-04

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR FILING DATE: 1999-07-07

; PRIOR FILING DATE: 1999-07-26

; PRIOR FILING DATE: 1999-07-28

; PRIOR FILING DATE: 1999-09-08

; PRIOR FILING DATE: 1999-09-13

; PRIOR FILING DATE: 1999-09-15

; PRIOR FILING DATE: 1999-09-15

; PRIOR FILING DATE: 1999-10-05

; PRIOR FILING DATE: 1999-11-29

; PRIOR FILING DATE: 1999-11-30

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

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; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

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; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; PRIOR FILING DATE: 1999-12-02

; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 360
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-320-17

Alignment Scores:

Pred. No.: 7.66e-20 Length: 360
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: Gaps: 0

US-09-080-140-26 (1-34) x US-09-909-320-17 (1-960)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
|||||
Db 44 ACTGCCCTGCTGTGCTACTCTGCAAAGCCAGGTGAGCAACGAGGACTGCTGCAAGTG 103

QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTrpThrAlaArg 34
|||||

Db 104 GAGAACTGCACCCAGCTGGGGGAGCAGTGTCTGACCGCGGC 145

RESULT 11

US-09-909-088B-17

; Sequence 17, Application US/09909088B

; Patent No. US20020146709A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,088B
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090

APPLICANT: Tamas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,291A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo sapiens
US-09-909-088B-17

Alignment Scores:
Pred. No.: 7,66e-20 Length: 960
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-26 (1-34) x US-09-909-088B-17 (1-960)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 44 ACTGCCCTGCTGTGCTACTCTCTCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 103
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 104 GAGAACTGCACCCAGCTGGGGGAGCAGTCTGTGACCGCGGC 145

RESULT 12

US-09-905-291A-17
Sequence 17, Application US/09905291A
Patent No. US20020160374A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.

US-09-905-291A-17

Alignment Scores:

Pred. No.: 7,66e-20 Length: 960
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-26 (1-34) x US-09-905-291A-17 (1-960)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 44 ACTGCCCTGCTGTGCTACTCTCTCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 103
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 104 GAGAACTGCACCCAGCTGGGGGAGCAGTCTGTGACCGCGGC 145

RESULT 13

US-09-902-853-17
Sequence 17, Application US/09902853
Publication No. US20020192659A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.

```

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-853-17

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Alignment Scores: 7.66e-20 Length: 960
 Pred. No.: 191.00 Matches: 34
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Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-26 (1-34) x US-09-902-853-17 (1-960)

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Db 44 ACTGCCCTGCTGTGCTACTCTCTCAAGCCCGAGTGTGACGAGGAGTCTCTGCGAGTG 103
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Qy 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
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US-09-907-824-17
; Sequence 17, Application US/09907824
; Publication No. US20020197671A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313

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; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-907-824-17

Alignment Scores:
Pred. No.: 7,66e-20 Length: 960
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-26 (1-34) x US-09-907-824-17 (1-960)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 44 ACTGCCCTGCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 103
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 104 GAGAACTGCACCCAGCTGGGGGAGCAGTGTGTGACCGCGGC 145

RESULT 15

US-09-907-841-17
; Sequence 17, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; CURRENT FILING DATE: 2001-11-20

; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-907-841-17

Alignment Scores:
Pred. No.: 7,66e-20 Length: 960
Score: 191.00 Matches: 34
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-26 (1-34) x US-09-907-841-17 (1-960)

QY 1 ThrAlaLeuLeuCysTyrSerCysLysAlaGlnValSerAsnGluAspCysLeuGlnVal 20
Db 44 ACTGCCCTGCTGTGCTACTCTCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGGTG 103
QY 21 GluAsnCysThrGlnLeuGlyGluGlnCysTyrThrAlaArg 34
Db 104 GAGAACTGCACCCAGCTGGGGGAGCAGTGTGTGACCGCGGC 145

Search completed: October 22, 2004, 18:29:41
Job time : 216.198 secs

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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 23, 2004, 13:16:50 ; Search time 44.9048 Seconds

(without alignments)
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Title: US-09-080-140-27

Perfect score: 224

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Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-NO_MMAP -LARGEQUERY -NEG SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG

-DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6

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Database :

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5: /cgn2_6/prodata/1/ina/PCUTS COMB.seq:*

6: /cgn2_6/prodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	224	100.0	494	US-08-675-508-4	Sequence 4, Appl
3	224	100.0	960	US-09-907-794A-17	Sequence 17, Appl
4	224	100.0	960	US-09-905-125A-17	Sequence 17, Appl
5	224	100.0	960	US-09-902-775A-17	Sequence 17, Appl
6	224	100.0	960	US-09-906-700-17	Sequence 17, Appl
7	224	100.0	960	US-09-903-603A-17	Sequence 17, Appl
8	224	100.0	998	US-09-203-939-1	Sequence 1, Appl
9	224	100.0	998	US-09-251-835-1	Sequence 1, Appl
10	224	100.0	998	US-09-318-503-1	Sequence 1, Appl
11	224	100.0	998	US-09-038-261A-1	Sequence 1, Appl
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13	224	100.0	998	4	US-09-963-620-1	Sequence 1, Appl
14	224	100.0	998	4	US-09-855-632-1	Sequence 1, Appl
15	201	89.7	286	2	US-08-675-508-21	Sequence 21, Appl
16	193	86.2	373	4	US-09-513-999C-610	Sequence 610, App
17	178	79.5	441	3	US-09-203-939-3	Sequence 3, Appl
18	178	79.5	441	3	US-09-251-835-3	Sequence 3, Appl
19	178	79.5	441	3	US-09-318-503-3	Sequence 3, Appl
20	178	79.5	441	3	US-09-038-261A-3	Sequence 3, Appl
21	178	79.5	441	4	US-09-564-329A-3	Sequence 3, Appl
22	178	79.5	441	4	US-09-963-620-3	Sequence 3, Appl
23	178	79.5	441	4	US-09-855-632-3	Sequence 3, Appl
24	105	46.9	232	2	US-08-675-508-25	Sequence 25, Appl
25	65.5	29.2	2031	2	US-08-448-561-2	Sequence 2, Appl
26	64	28.6	900	4	US-09-543-681A-1853	Sequence 1853, Ap
27	64	28.6	8224	3	US-09-010-398-14	Sequence 14, Appl
28	64	28.6	8224	3	US-09-366-260-14	Sequence 14, Appl
29	61	27.2	540	2	US-08-448-561-3	Sequence 3, Appl
30	58.5	26.1	225	4	US-09-819-058-1	Sequence 1, Appl
31	58	25.9	1051	2	US-08-865-273-1	Sequence 1, Appl
32	58	25.9	1051	3	US-09-385-174-1	Sequence 1, Appl
33	57	25.4	249	4	US-09-599-632-28	Sequence 28, Appl
34	57	25.4	1563	3	US-08-738-168B-11	Sequence 11, Appl
35	57	25.4	2122	3	US-08-738-168B-4	Sequence 4, Appl
36	57	25.4	2563	3	US-08-300-584-1	Sequence 1, Appl
37	57	25.4	2563	3	US-08-738-168B-12	Sequence 12, Appl
38	57	25.4	2563	3	US-08-476-123-1	Sequence 1, Appl
39	56	25.0	249	4	US-09-599-632-7	Sequence 7, Appl
40	56	25.0	612	3	US-09-134-001C-292	Sequence 292, App
41	56	25.0	1194	4	US-09-710-279-643	Sequence 643, App
42	56	25.0	3133	4	US-09-710-279-3431	Sequence 3431, Ap
43	56	25.0	3319	4	US-09-710-279-3835	Sequence 3835, Ap
44	55.5	24.8	469	3	US-08-462-467B-9	Sequence 9, Appl
45	55.5	24.8	469	3	US-08-334-179A-9	Sequence 9, Appl

ALIGNMENTS

RESULT 1

US-08-675-508-23

; Sequence 23, Application US/08675508

; Patent No. 5856136

; GENERAL INFORMATION:

; APPLICANT: An-Young, Janice

; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Incyte Pharmaceuticals, Inc.

; STREET: 3174 Porter Drive

; CITY: Palo Alto

; STATE: CA

; COUNTRY: U.S.

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/675,508

; FILING DATE: Filed Herewith

; ATTORNEY/AGENT INFORMATION:

; NAME: Billings, Lucy J.

; REGISTRATION NUMBER: 36,749

; REFERENCE/DOCKET NUMBER: PF-0066 US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-855-0555

; TELEFAX: 415-845-4166

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 288 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

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; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1312529
US-08-675-508-23

Alignment Scores:
Pred. No.: 4,04e-27 Length: 288
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

US-09-080-140-27 (1-41) x US-08-675-508-23 (1-288)

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Db 160 CGCATCCGGCAGTGGCTCTCGTACCGTCATCAGCAAGGCTGCAGCTTGAACCTGGTG 219

QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 220 GATGACTCAGGACTACTACGTGGGCAAGAACATCACGTGCTGTGACACCGACTTG 279

QY 41 Cys 41
Db 280 TGC 282

RESULT 2
US-08-675-508-4
; Sequence 4, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 494 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: SCAH-2
; CLONE:
US-08-675-508-4

Alignment Scores:
Pred. No.: 8.24e-27 Length: 494
Score: 224.00 Matches: 41
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Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

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QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 220 GATGACTCAGGACTACTACGTGGGCAAGAACATCACGTGCTGTGACACCGACTTG 279

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RESULT 3
US-09-907-794A-17
; Sequence 17, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
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; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
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; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
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; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-907-794A-17

Alignment Scores:
Pred. No.: 1,98e-26 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-27 (1-41) x US-09-907-794A-17 (1-960)

QY 1 ArgilleArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
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Db 143 CGCATCCGCGCAGTTGGCTCTCCGACCGTCATCAGCAAGGCTGCAGCTTGAACTCGGTG 202
|||
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
|||
Db 203 GATGACTCAGAGGACTACTACGTGGGCAAGAGACATCAGTGTGTGACACCGACTTG 262
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QY 41 Cys 41
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Db 263 TGC 265

RESULT 4
US-09-905-125A-17
; Sequence 17, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-905-125A-17
Alignment Scores:
Pred. No.: 1,98e-26 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0
US-09-080-140-27 (1-41) x US-09-905-125A-17 (1-960)
QY 1 ArgilleArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
|||
Db 143 CGCATCCGCGCAGTTGGCTCTCCGACCGTCATCAGCAAGGCTGCAGCTTGAACTCGGTG 202
|||
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
|||
Db 203 GATGACTCAGAGGACTACTACGTGGGCAAGAGACATCAGTGTGTGACACCGACTTG 262
|||
QY 41 Cys 41
|||
Db 263 TGC 265
RESULT 5
US-09-902-775A-17
; Sequence 17, Application US/09902775A
; Patent No. 6686451

GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2001-07-10
PRIORITY APPLICATION NUMBER: US/09/902,775A
PRIORITY FILING DATE: 2000-02-22
PRIORITY APPLICATION NUMBER: PCT/US00/04414
PRIORITY FILING DATE: 1999-07-07
PRIORITY APPLICATION NUMBER: US 60/143,048
PRIORITY FILING DATE: 1999-07-07
PRIORITY APPLICATION NUMBER: US 60/145,698
PRIORITY FILING DATE: 1999-07-26
PRIORITY APPLICATION NUMBER: US 60/146,222
PRIORITY FILING DATE: 1999-07-28
PRIORITY APPLICATION NUMBER: PCT/US99/20594
PRIORITY FILING DATE: 1999-09-08
PRIORITY APPLICATION NUMBER: PCT/US99/20944
PRIORITY FILING DATE: 1999-09-13
PRIORITY APPLICATION NUMBER: PCT/US99/21090
PRIORITY FILING DATE: 1999-09-15
PRIORITY APPLICATION NUMBER: PCT/US99/21547
PRIORITY FILING DATE: 1999-10-05
PRIORITY APPLICATION NUMBER: PCT/US99/28214
PRIORITY FILING DATE: 1999-11-29
PRIORITY APPLICATION NUMBER: PCT/US99/28313
PRIORITY FILING DATE: 1999-11-30
PRIORITY APPLICATION NUMBER: PCT/US99/28564
PRIORITY FILING DATE: 1999-12-02
PRIORITY APPLICATION NUMBER: PCT/US99/28565
PRIORITY FILING DATE: 1999-12-02
PRIORITY APPLICATION NUMBER: PCT/US99/30095
PRIORITY FILING DATE: 1999-12-16
PRIORITY APPLICATION NUMBER: PCT/US99/30911
PRIORITY FILING DATE: 1999-12-20
PRIORITY APPLICATION NUMBER: PCT/US99/30999
PRIORITY FILING DATE: 1999-12-20
PRIORITY APPLICATION NUMBER: PCT/US00/00219
PRIORITY FILING DATE: 2000-01-05
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo sapiens
US-09-902-775A-17

Alignment Scores:

Pred. No.: 1-98e-26 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0
US-09-080-140-27 (1-41) x US-09-902-775A-17 (1-960)
QY 1 ArgIleArgAlaValGlyLeuLeuThrValIleSerIlyGlyCysSerLeuAanCysVal 20
Db 143 CGCATCCGCGCAGTTGGCCCTCCTGACCGTCATCAGCAAAAGGCTGCAGCTTGAACTCGTG 202
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 203 GATGACTCAGAGACTACTACGTGGGCAAGAAACATCAGTGTCTGTACACCGACTTG 262
QY 41 Cys 41
Db 263 TGC 265
RESULT 6
US-09-906-700-17
Sequence 17, Application US/09906700
Patent No. 6723535
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2000-09-18
PRIORITY APPLICATION NUMBER: PCT/US00/04414
PRIORITY FILING DATE: 2000-02-22
PRIORITY APPLICATION NUMBER: US 60/143,048
PRIORITY FILING DATE: 1999-07-07
PRIORITY APPLICATION NUMBER: US 60/145,698
PRIORITY FILING DATE: 1999-07-26
PRIORITY APPLICATION NUMBER: US 60/146,222
PRIORITY FILING DATE: 1999-07-28
PRIORITY APPLICATION NUMBER: PCT/US99/20594
PRIORITY FILING DATE: 1999-09-08
PRIORITY APPLICATION NUMBER: PCT/US99/20944
PRIORITY FILING DATE: 1999-09-13
PRIORITY APPLICATION NUMBER: PCT/US99/21090
PRIORITY FILING DATE: 1999-09-15
PRIORITY APPLICATION NUMBER: PCT/US99/21547
PRIORITY FILING DATE: 1999-09-15
PRIORITY APPLICATION NUMBER: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 17
 ; LENGTH: 960
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-906-700-17

Alignment Scores:
 Pred. No.: 1,98e-26 Length: 960
 Score: 224.00 Matches: 41
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 4 Gaps: 0

US-09-080-140-27 (1-41) x US-09-906-700-17 (1-960)

QY 1 ArgilleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
 Db 143 CGCATCCGGCGAGTGGCCCTCTCCGCGCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 202
 QY 21 AspAspSerGlnAspTyrTyrValGlyLysAsnIleThrCysCysAspThrAspLeu 40
 Db 203 GATGACTCAGAGACTACTACGTGGCAAGAGAACATCAGCTGTGTGACACCGACTTG 262
 QY 41 Cys 41
 Db 263 TGC 265

RESULT 7

US-09-903-603A-17
 ; Sequence 17, Application US/09903603A
 ; Patent No. 6767995

GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: GNE.1618P2C12
 ; CURRENT APPLICATION NUMBER: US/09/903,603A
 ; CURRENT FILING DATE: 2001-07-11
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 17
 ; LENGTH: 960
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-903-603A-17

Alignment Scores:

Pred. No.: 1,98e-26 Length: 960
 Score: 224.00 Matches: 41
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 4 Gaps: 0

US-09-080-140-27 (1-41) x US-09-903-603A-17 (1-960)

QY 1 ArgilleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
 Db 143 CGCATCCGGCGAGTGGCCCTCTCCGCGCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 202
 QY 21 AspAspSerGlnAspTyrTyrValGlyLysAsnIleThrCysCysAspThrAspLeu 40
 Db 203 GATGACTCAGAGACTACTACGTGGCAAGAGAACATCAGCTGTGTGACACCGACTTG 262
 QY 41 Cys 41
 Db 263 TGC 265
 RESULT 8
 US-09-203-939-1

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; Sequence 1, Application US/09203939
; Patent No. 6258929
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US11
; CURRENT APPLICATION NUMBER: US/09/203,939
; CURRENT FILING DATE: 2000-12-02
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; US-09-203-939-1
Alignment Scores:
Pred. No.: 2.09e-26 Length: 998
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-27 (1-41) x US-09-203-939-1 (1-998)
QY 1 ArgilleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db 171 CGCATCCGCGAGTTGGCCCTCTACCGCTATACGACAGGCTGCAGCTTGACTGCGTG 230
; Sequence 1, Application US/09251835A
; Patent No. 6261789
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54US12
; CURRENT APPLICATION NUMBER: US/09/251,835A
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; US-09-251-835-1
Alignment Scores:
Pred. No.: 2.09e-26 Length: 998
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-27 (1-41) x US-09-251-835-1 (1-998)
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 231 GATGACTCACAGACTACTACTACCTGGCGAAGAAACATCACTGCTGTGCACACCGACTTG 290
; Sequence 1, Application US/09251835A
; Patent No. 6261789
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54US12
; CURRENT APPLICATION NUMBER: US/09/251,835A
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; US-09-251-835-1
Alignment Scores:
Pred. No.: 2.09e-26 Length: 998
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-27 (1-41) x US-09-251-835-1 (1-998)
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 231 GATGACTCACAGACTACTACTACCTGGCGAAGAAACATCACTGCTGTGCACACCGACTTG 290
; Sequence 1, Application US/09251835A
; Patent No. 6261789
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54US12
; CURRENT APPLICATION NUMBER: US/09/251,835A
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; US-09-251-835-1
Alignment Scores:
Pred. No.: 2.09e-26 Length: 998
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-27 (1-41) x US-09-251-835-1 (1-998)
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 231 GATGACTCACAGACTACTACTACCTGGCGAAGAAACATCACTGCTGTGCACACCGACTTG 290
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Score: 224.00 Matches: 41
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 3 Gaps: 0

US-09-080-140-27 (1-41) x US-09-251-835-1 (1-998)

QY 1 ArgilleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
 |||||
 Db 171 CGCATCCGCGAGTTGGCTCTCCGCTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 230
 |||||
 QY 21 AspAspSerGlnAspTyrTyrValGlyLysAsnIleThrCysCysAspThrAspLeu 40
 |||||
 Db 231 GATGACTCAGGAGTACTACTGCTGGCAGAGAGACATCAGCTGTGACACCGACTTG 290
 |||||
 QY 41 Cys 41
 |||||
 Db 291 TGC 293

RESULT 10

US-09-318-503-1
 ; Sequence 1, Application US/09318503A
 ; Patent No. 6261791
 ; GENERAL INFORMATION:
 ; APPLICANT: Reiter, Robert E.
 ; APPLICANT: Witte, Owen N.
 ; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
 ; FILE REFERENCE: 30435.54US13
 ; CURRENT APPLICATION NUMBER: US/09/318,503A
 ; CURRENT FILING DATE: 1999-05-25
 ; EARLIER APPLICATION NUMBER: 08/814,279
 ; EARLIER FILING DATE: 1997-03-10
 ; EARLIER APPLICATION NUMBER: 60/071,141
 ; EARLIER FILING DATE: 1998-01-12
 ; EARLIER APPLICATION NUMBER: 60/074,675
 ; EARLIER FILING DATE: 1998-02-13
 ; EARLIER APPLICATION NUMBER: 09/038,261
 ; EARLIER FILING DATE: 1998-03-10
 ; EARLIER APPLICATION NUMBER: 09/203,939
 ; EARLIER FILING DATE: 1998-12-02
 ; EARLIER APPLICATION NUMBER: 09/251,835
 ; EARLIER FILING DATE: 1999-02-17
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1

LENGTH: 998

TYPE: DNA
 ORGANISM: HUMAN PSCA (hPSCA)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (543)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (580)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (584)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (604)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (608)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (615)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

FEATURE:
 NAME/KEY: misc feature
 LOCATION: (636)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (640)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (646)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (697)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (926)
 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 US-09-318-503-1

Alignment Scores:

Pred. No.: 2,09e-26 Length: 998
 Score: 224.00 Matches: 41
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 3 Gaps: 0

US-09-080-140-27 (1-41) x US-09-318-503-1 (1-998)

QY 1 ArgilleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
 |||||
 Db 171 CGCATCCGCGAGTTGGCTCTCCGCTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 230
 |||||
 QY 21 AspAspSerGlnAspTyrTyrValGlyLysAsnIleThrCysCysAspThrAspLeu 40
 |||||
 Db 231 GATGACTCAGGAGTACTACTGCTGGCAGAGAGACATCAGCTGTGACACCGACTTG 290
 |||||
 QY 41 Cys 41
 |||||
 Db 291 TGC 293

RESULT 11

US-09-038-261A-1
 ; Sequence 1, Application US/09038261A
 ; Patent No. 6267960
 ; GENERAL INFORMATION:
 ; APPLICANT: Reiter, Robert E.
 ; APPLICANT: Witte, Owen N.
 ; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
 ; FILE REFERENCE: 30435.54USU1
 ; CURRENT APPLICATION NUMBER: US/09/038,261A
 ; CURRENT FILING DATE: 1998-03-10
 ; PRIOR APPLICATION NUMBER: 08/814,279
 ; PRIOR FILING DATE: 1997-03-10
 ; PRIOR APPLICATION NUMBER: 60/071,141
 ; PRIOR FILING DATE: 1998-01-12
 ; PRIOR APPLICATION NUMBER: 60/074,675
 ; PRIOR FILING DATE: 1998-02-13
 ; NUMBER OF SEQ ID NOS: 15
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 998
 ; TYPE: DNA
 ; ORGANISM: HUMAN PSCA (hPSCA)
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (543)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: (580)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: (584)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: (604)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: (608)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: (615)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

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; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g, or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g, or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g, or t)
; NAME/KEY: misc_feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
US-09-038-261A-1

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Alignment Scores:
Pred. No.: 2,098-26 Length: 998
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0

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US-09-080-140-27 (1-41) x US-09-038-261A-1 (1-998)

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QY 1 ArgilleArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db 171 CGCATCCGCGCAGTTGGCTCTCGTCCATCAGCAAAGGCTGCAGCTTGAACCTGCGTG 230
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 231 GATGACTCAGGACTACTACGTGGGCAAGAGAACATCACGTGCTGTGCACACCGACTTG 290

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QY 41 Cys 41
Db 291 TGC 293

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RESULT 12
US-09-564-329A-1
; Sequence 1, Application US/09564329A
; Patent No. 6541212
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/564,329A
; CURRENT FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230

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; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; TYPE: DNA
; LENGTH: 998
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-564-329A-1

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Alignment Scores:
Pred. No.: 2,098-26 Length: 998
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

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US-09-080-140-27 (1-41) x US-09-564-329A-1 (1-998)

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QY 1 ArgilleArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db 171 CGCATCCGCGCAGTTGGCTCTCGTCCATCAGCAAAGGCTGCAGCTTGAACCTGCGTG 230
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 231 GATGACTCAGGACTACTACGTGGGCAAGAGAACATCACGTGCTGTGCACACCGACTTG 290

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```

QY      41 Cys 41
Db      291 TGC 293

RESULT 13
US-09-963-620-1
; Sequence 1, Application US/09963620
; Patent No. 6756036
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Safiran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/963,620
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)

; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-963-620-1

Alignment Scores:
Pred. No.:      2,09e-26      Length:      998
Score:          224.00      Matches:      41
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match:     100.00%      Indels:      0
DB:              4          Gaps:          0

US-09-080-140-27 (1-41) x US-09-963-620-1 (1-998)

QY      1 ArgIleArgAlaValGlyIleuLeuThrValIleSerLysGlyCysSerIleuAsnCysVal 20
Db      171 CGCATCCGCGCAGTTGGCTCTCCGCGTCATCAGCAAGGCTGCAGCTTGAACTGCGTG 230

QY      21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db      231 GATGACTCAGCAGACTACTACGTGGCGAAGAACAATCATCGTCTGTGACACCGACTTG 290

QY      41 Cys 41
Db      291 TGC 293

RESULT 14
US-09-855-632-1
; Sequence 1, Application US/09855632
; Patent No. 6790939
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Safiran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/855,632
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; NAME/KEY: misc_feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)

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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-855-632-1
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Alignment Scores:
Pred. No.: 2,09e-26 Length: 998
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-27 (1-41) x US-09-855-632-1 (1-998)

QY 1 ArgIleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db 171 CCATCCCGCGAGTTGGCTCTCCCTACCGTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 230
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 231 GATGACTCAGAGCTACTACGTGGGCAAGAGACATCACGTGCTGTGACACCGACTTG 290
QY 41 Cys 41
Db 291 TGC 293
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RESULT 15
US-08-675-508-21
; Sequence 21, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 286 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: UTRSN0T01
; CLONE: 588615
; US-08-675-508-21

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Best Local Similarity: 94.74% Mismatches: 2
Query Match: 89.73% Indels: 0
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US-09-080-140-27 (1-41) x US-08-675-508-21 (1-286)

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QY 24 GlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeuCys 41
Db 195 CAGGACTACTACGTGGGCAAGAGACATCACGTGCTGTGACACGACTTGTGC 248

Search completed: October 23, 2004, 16:15:18
Job time : 46.9048 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - nucleic search, using frame_plus_p2n model

Run on: October 22, 2004, 13:56:46 ; Search time 259.504 Seconds
(without alignments)
809.547 Million cell updates/sec

Title: US-09-080-140-27

Perfect score: 224

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 3407233 seqs, 2561960514 residues

Total number of hits satisfying chosen parameters: 6814466

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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-TRANS=human40.cdi -LIST=45 -DOALIGN=200 -THR SCORE=pct -THR MAX=100
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Database :

Published Applications NA: *
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11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq: *
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21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	224	100.0	265	11	US-09-080-140-5 Sequence 5, Appl
2	224	100.0	288	9	US-09-934-586A-23 Sequence 23, Appl
3	224	100.0	494	9	US-09-934-586A-4 Sequence 4, Appl
4	224	100.0	960	9	US-09-909-520-17 Sequence 17, Appl
5	224	100.0	960	9	US-09-909-088B-17 Sequence 17, Appl
6	224	100.0	960	9	US-09-905-291A-17 Sequence 17, Appl
7	224	100.0	960	9	US-09-902-853-17 Sequence 17, Appl
8	224	100.0	960	9	US-09-907-824-17 Sequence 17, Appl
9	224	100.0	960	9	US-09-907-841-17 Sequence 17, Appl
10	224	100.0	960	10	US-09-904-011-17 Sequence 17, Appl
11	224	100.0	960	10	US-09-903-640-17 Sequence 17, Appl
12	224	100.0	960	10	US-09-908-093-17 Sequence 17, Appl
13	224	100.0	960	10	US-09-906-742-17 Sequence 17, Appl
14	224	100.0	960	10	US-09-906-838-17 Sequence 17, Appl
15	224	100.0	960	10	US-09-907-613-17 Sequence 17, Appl
16	224	100.0	960	10	US-09-907-942-17 Sequence 17, Appl
17	224	100.0	960	10	US-09-904-859-17 Sequence 17, Appl
18	224	100.0	960	10	US-09-903-204-17 Sequence 17, Appl
19	224	100.0	960	10	US-09-904-820-17 Sequence 17, Appl
20	224	100.0	960	10	US-09-904-786-17 Sequence 17, Appl
21	224	100.0	960	10	US-09-906-646-17 Sequence 17, Appl
22	224	100.0	960	10	US-09-908-700-17 Sequence 17, Appl
23	224	100.0	960	10	US-09-903-786-17 Sequence 17, Appl
24	224	100.0	960	10	US-09-902-903-17 Sequence 17, Appl
25	224	100.0	960	10	US-09-903-749A-17 Sequence 17, Appl
26	224	100.0	960	10	US-09-904-119-17 Sequence 17, Appl
27	224	100.0	960	10	US-09-904-956-17 Sequence 17, Appl
28	224	100.0	960	10	US-09-902-736-17 Sequence 17, Appl
29	224	100.0	960	10	US-09-907-794-17 Sequence 17, Appl
30	224	100.0	960	10	US-09-903-943-17 Sequence 17, Appl
31	224	100.0	960	10	US-09-904-462-17 Sequence 17, Appl
32	224	100.0	960	10	US-09-907-925-17 Sequence 17, Appl
33	224	100.0	960	10	US-09-902-632-17 Sequence 17, Appl
34	224	100.0	960	10	US-09-903-520-17 Sequence 17, Appl
35	224	100.0	960	10	US-09-905-056-17 Sequence 17, Appl
36	224	100.0	960	10	US-09-909-064-17 Sequence 17, Appl
37	224	100.0	960	10	US-09-904-553-17 Sequence 17, Appl
38	224	100.0	960	10	US-09-905-381-17 Sequence 17, Appl
39	224	100.0	960	10	US-09-904-485-17 Sequence 17, Appl
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41	224	100.0	960	10	US-09-905-088-17 Sequence 17, Appl
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44	224	100.0	960	10	US-09-902-759-17 Sequence 17, Appl
45	224	100.0	960	10	US-09-902-634-17 Sequence 17, Appl

ALIGNMENTS

RESULT 1
US-09-080-140-5
; Sequence 5, Application US/09080140
; Publication No. US20040018553A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRASS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:


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; FILING DATE: 23-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/225,080
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 494 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: SCAH-2
; CLONE: <Unknown>
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-934-586A-4

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Score:          224.00        Matches:      41
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Best Local Similarity: 100.00% Mismatches:      0
Query Match:      100.00%      Indels:        0
DB:               9          Gaps:          0

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US-09-080-140-27 (1-41) x US-09-934-586A-4 (1-494)

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QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 220 GATGACTCAGGACTACTACGTGGGCAAGAGAACATCAGTGTCTGTGACACCGACTTG 279
QY 41 Cys 41
Db 280 TGC 282

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RESULT 4

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; Sequence 17, Application US/09909320
; Patent No. US20020132240A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.

```

```

; APPLICANT: Tamas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,320
; CURRENT FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-320-17

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Percent Similarity: 100.00%    Conservative: 0
Best Local Similarity: 100.00% Mismatches:      0
Query Match:      100.00%      Indels:        0
DB:               9          Gaps:          0

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US-09-080-140-27 (1-41) x US-09-909-320-17 (1-960)

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QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 203 GATGACTCAGGACTACTACGTGGGCAAGAGAACATCAGTGTCTGTGACACCGACTTG 262
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US-09-909-088B-17

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; Sequence 17, Application US/03909088B
; Patent No. US20020146709A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,088B
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
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; PRIOR APPLICATION NUMBER: PCT/US99/23089
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; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-088B-17

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; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 17
 ; LENGTH: 960
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-905-291A-17

Alignment Scores:
 Pred. No.: 1.88e-25 Length: 960
 Score: 224.00 Matches: 41
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 9 Gaps: 0

US-09-080-140-27 (1-41) x US-09-905-291A-17 (1-960)

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 Db 143 CGCATCCGCGCAGTGGCGCTCTGACCGTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 202
 QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
 Db 203 GATGACTCAGGACTACTACGTGGGCAAGAGAACATCAGTCGTGTGACACCGACTTG 262
 QY 41 Cys 41
 Db 263 TGC 265

RESULT 7

US-09-902-853-17
 ; Sequence 17, Application US/09902853
 ; Publication No. US20020192659A1

GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.

Alignment Scores:
 Pred. No.: 1.88e-25 Length: 960
 Score: 224.00 Matches: 41
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 9 Gaps: 0

US-09-080-140-27 (1-41) x US-09-902-853-17 (1-960)

QY 1 ArgIleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
 Db 143 CGCATCCGCGCAGTGGCGCTCTGACCGTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 202
 QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
 Db 203 GATGACTCAGGACTACTACGTGGGCAAGAGAACATCAGTCGTGTGACACCGACTTG 262
 QY 41 Cys 41
 Db 263 TGC 265

; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/902,853
 ; CURRENT FILING DATE: 2001-07-10
 ; PRIOR APPLICATION NUMBER: US/09/665,350
 ; PRIOR FILING DATE: 2000-09-18
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 17
 ; LENGTH: 960
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien

US-09-902-853-17
 ; ORGANISM: Homo Sapien

Alignment Scores:

Pred. No.: 1.88e-25 Length: 960
 Score: 224.00 Matches: 41
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 9 Gaps: 0

US-09-080-140-27 (1-41) x US-09-902-853-17 (1-960)

QY 1 ArgIleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
 Db 143 CGCATCCGCGCAGTGGCGCTCTGACCGTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 202
 QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
 Db 203 GATGACTCAGGACTACTACGTGGGCAAGAGAACATCAGTCGTGTGACACCGACTTG 262
 QY 41 Cys 41
 Db 263 TGC 265

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RESULT 8
US-09-907-824-17
; Sequence 17, Application US/09907824
; Publication No. US20020197671A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
```

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; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-907-824-17
Alignment Scores:
Pred. No.: 1.88e-25 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0
US-09-080-140-27 (1-41) x US-09-907-824-17 (1-960)
QY 1 ArgIleArgAlaValGlyLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db 143 CGCATCCGCGCAGTTGGCCCTCTGACCGTCATCAGAAAGGCTGAGCTTGAACTGGCGTG 202
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 203 GATGACTCACAGGACTACTACGTGGGCAAGAGAACATCACGTGCTGTGACACCGACTTG 262
QY 41 Cys 41
Db 263 TGC 265
RESULT 9
US-09-907-841-17
; Sequence 17, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
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; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-907-841-17

Alignment Scores:
Pred. No.: 1.88e-25 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-27 (1-41) x US-09-907-841-17 (1-960)

Qy 1 ArgileArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db 143 CGCATCCCGCGAGTGGCTCTCTGACCGTCATCAGCAAGGCTGACGTTGAACCTGCGTG 202
Qy 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 203 GATGACTCACAGGACTACTACGTGGCGCAGAGAGACATCATCGTGTGTGACCCGACTTG 262
Qy 41 Cys 41
Db 263 TGC 265

RESULT 10
US-09-904-011-17
; Sequence 17, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secretd and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,011

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; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-904-011-17

Alignment Scores:
Pred. No.: 1.88e-25 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-27 (1-41) x US-09-904-011-17 (1-960)

Qy 1 ArgIleArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db 143 CGCATCCCGCGAGTGGCTCTCTGACCGTCATCAGCAAGGCTGACGTTGAACCTGCGTG 202
Qy 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db 203 GATGACTCACAGGACTACTACGTGGCGCAGAGAGACATCATCGTGTGTGACCCGACTTG 262
Qy 41 Cys 41
Db 263 TGC 265

RESULT 11
US-09-903-640-17
; Sequence 17, Application US/09903640
; Publication No. US20030017463A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi

```

APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,640
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo Sapien
US-09-903-640-17

Alignment Scores:
Pred. No.: 1,88e-25 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-27 (1-41) x US-09-903-640-17 (1-960)

QY 1 ArgilleArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerIleuAsnCysVal 20
DB 143 CGCATCCGGCAGTGTGGCTCTCGCTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 202

QY 21 AspAspSerGlnAspTyrTyrValGlyLysAsnIleThrCysCysAspThrAspLeu 40
DB 203 GATGACTCACAGGACTACTACGTGGGCAAGAGAACATCACGTGCTGTGACACCGACTTG 262

QY 41 Cys 41
DB 263 TGC 265

RESULT 12
US-09-908-093-17
Sequence 17, Application US/09908093
Publication No. US20030017498A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/908,093
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo Sapien
US-09-908-093-17

Alignment Scores:
Pred. No.: 1,88e-25 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-27 (1-41) x US-09-908-093-17 (1-960)

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QY      1 ArgileArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db      143 CGCATCCGCGCAGTTGGCCCTCTGACCGTCATCAGCAAGGCTGACGTTGAACCTCGTG 202

QY      21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db      203 GATGACTCAGGAGCTACTACGTGGCAAGAAACATCAGCTGCTGTGACACCGACTTG 262

QY      41 Cys 41
Db      263 TGC 265

RESULT 13
US-09-906-742-17
; Sequence 17, Application US/09906742
; Publication No. US20030023054A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,742
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564

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; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-742-17

Alignment Scores:
Pred. No.: 1,88e-25 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-27 (1-41) x US-09-906-742-17 (1-960)

QY      1 ArgileArgAlaValGlyLeuLeuThrValIleSerLysGlyCysSerLeuAsnCysVal 20
Db      143 CGCATCCGCGCAGTTGGCCCTCTGACCGTCATCAGCAAGGCTGACGTTGAACCTCGTG 202

QY      21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
Db      203 GATGACTCAGGAGCTACTACGTGGCAAGAAACATCAGCTGCTGTGACACCGACTTG 262

QY      41 Cys 41
Db      263 TGC 265

RESULT 14
US-09-906-838-17
; Sequence 17, Application US/09906838
; Publication No. US20030027143A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14

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; CURRENT APPLICATION NUMBER: US/09/906,838
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-838-17

Alignment Scores:
Pred. No.: 1.88e-25 Length: 960
Score: 224.00 Matches: 41
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-27 (1-41) x US-09-906-838-17 (1-960)

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DB 143 CGCATCCGCGAGTGGCTCTGACCGTCATCAGCAAGGCTGCAGCTTGAACCTGCGTG 202
QY 21 AspAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThrAspLeu 40
DB 203 GATGACTCAGAGCTACTACGTGGCGCAGAGACATCACTGCTGTGACACCGACTTG 262
QY 41 Cys 41
DB 263 TGC 265

RESULT 15
US-09-907-613-17
; Sequence 17, Application US/09907613
; Publication No. US20030027145A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,613
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
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; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-907-613-17

Alignment Scores:
Pred. No.: 1.88e-25 Length: 960
Score: 224.00 Matches: 41
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Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-27 (1-41) x US-09-907-613-17 (1-960)

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QY	21	Asp	Asp	Ser	Gln	Asp	Tyr	Tyr	Val	Gly	Lys	Asn	Ile	Thr	Cys	Cys	Asp	Thr	Asp	Leu	40					
DB	203	GAT	GAC	TCA	CAG	GACT	TACT	TAC	GTG	GGC	AA	GAA	CA	AT	CAC	GT	GCT	GT	GAC	ACC	ACT	TTG	262			
QY	41	Cys	41																							
DB	263	TGC	265																							

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Job time : 261.504 secs

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GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 23, 2004, 13:16:50 ; Search time 32.8571 Seconds

(without alignments)
648.981 Million cell updates/sec

Title: US-09-080-140-28

Perfect score: 173

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 824507 seqs, 35394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human40.cdi
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	173	100.0	960	4	US-09-905-125A-17
3	173	100.0	960	4	US-09-902-775A-17
4	173	100.0	960	4	US-09-906-700-17
5	173	100.0	960	4	US-09-903-603A-17
6	173	100.0	998	3	US-09-203-939-1
7	173	100.0	998	3	US-09-251-835-1
8	173	100.0	998	3	US-09-318-503-1
9	173	100.0	998	3	US-09-038-261A-1
10	173	100.0	998	4	US-09-564-329A-1
11	173	100.0	998	4	US-09-963-620-1
12	173	100.0	998	4	US-09-855-632-1

13	169	97.7	494	2	US-08-675-508-4	Sequence 4, Appli
14	149	86.1	286	2	US-08-675-508-21	Sequence 21, Appli
15	137	79.2	288	2	US-08-675-508-23	Sequence 23, Appli
16	132	76.3	441	3	US-09-203-939-3	Sequence 3, Appli
17	132	76.3	441	3	US-09-251-835-3	Sequence 3, Appli
18	132	76.3	441	3	US-09-318-503-3	Sequence 3, Appli
19	132	76.3	441	3	US-09-038-261A-3	Sequence 3, Appli
20	132	76.3	441	4	US-09-564-329A-3	Sequence 3, Appli
21	132	76.3	441	4	US-09-963-620-3	Sequence 3, Appli
22	132	76.3	441	4	US-09-855-632-3	Sequence 3, Appli
23	106	61.3	373	4	US-09-513-999C-610	Sequence 610, App
24	84	48.6	230	2	US-08-675-508-24	Sequence 24, Appli
25	68	39.3	251	2	US-08-675-508-22	Sequence 22, Appli
26	60	34.7	900	4	US-09-543-681A-1853	Sequence 1853, Ap
27	55.5	32.1	464	4	US-09-513-999C-10537	Sequence 10537, A
28	54.5	31.5	1004	4	US-09-270-767-6825	Sequence 6825, Ap
29	54.5	31.5	1004	4	US-09-270-767-22107	Sequence 22107, A
30	53	30.6	873	4	US-09-248-796A-298	Sequence 298, App
31	53	30.6	1464	4	US-09-248-796A-946	Sequence 946, App
32	53	30.6	3363	4	US-09-792-024-24	Sequence 24, Appli
33	53	30.6	8140	1	US-08-297-294A-1	Sequence 1, Appli
34	52.5	30.3	613	3	US-09-227-357-99	Sequence 99, Appli
35	52.5	30.3	783	4	US-09-620-312D-876	Sequence 876, App
36	52.5	30.3	1010	4	US-09-825-294-212	Sequence 212, App
37	52.5	30.3	1010	4	US-09-970-966-212	Sequence 212, App
38	52.5	30.3	61663	3	US-09-453-702B-62	Sequence 62, Appli
39	52	30.1	385	4	US-09-270-767-35	Sequence 35, Appli
40	52	30.1	1051	2	US-09-865-273-1	Sequence 1, Appli
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43	52	30.1	152331	3	US-09-513-999C-28826	Sequence 28826, A
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ALIGNMENTS

RESULT 1

US-09-907-794A-17
; Sequence 17, Application US/09907794A
; Patent No. 6635468

GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Acids and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414

;; PRIOR FILING DATE: 2000-02-22
;; PRIOR APPLICATION NUMBER: US 60/143,048
;; PRIOR FILING DATE: 1999-07-07
;; PRIOR APPLICATION NUMBER: US 60/145,698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: US 60/146,222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
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;; PRIOR FILING DATE: 1999-11-30
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;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/00219
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 17
;; LENGTH: 960
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-907-794A-17

Alignment Scores:
Pred. No.: 5,12e-20 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-28 (1-30) x US-09-907-794A-17 (1-960)

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Db 197 TCGTGGATGACTCAGGACTACTACGTCGCGCAAGAACATCACGTGCTGTGACACC 256
Qy 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCAGCCAGCGGGCCCATGCC 286

RESULT 2
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; Sequence 17, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, A.
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, Christopher J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth, J.
;; APPLICANT: Klijavin, Ivar J.
;; APPLICANT: Mather, Jennie P.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William, I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: 10466-14
;; CURRENT APPLICATION NUMBER: US/09/905,125A
;; PRIOR FILING DATE: 2001-07-12
;; PRIOR APPLICATION NUMBER: PCT/US00/04414
;; PRIOR FILING DATE: 2000-02-22
;; PRIOR APPLICATION NUMBER: US 60/143,048
;; PRIOR FILING DATE: 1999-07-07
;; PRIOR APPLICATION NUMBER: US 60/145,698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: US 60/146,222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
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;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
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;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 17
;; LENGTH: 960
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-905-125A-17

Alignment Scores:
Pred. No.: 5,12e-20 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-28 (1-30) x US-09-905-125A-17 (1-960)

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; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-700 17

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Best Local Similarity:	100.00%
Query Match:	100.00%
DB:	4
Length:	960
Matches:	30
Conservative:	0
Mismatches:	0
Indels:	0
Gaps:	0

US-09-080-140-28 (1-30) x US-09-906-700-17 (1-960)

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Qy		21	AspLeuCysAsnAlaSerGlyAlahHisAla	30
Db		257	GACTTGTCGAACGCCAGCGGGCCCCATGCC	286

RESULT 5
US-09-903-603A-17
; Sequence 17, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flvoroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

```

: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: GNE.1618P2C12
: CURRENT APPLICATION NUMBER: US/09/903,603A
: CURRENT FILING DATE: 2001-07-11
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: PRIOR APPLICATION NUMBER: PCT/US99/28313
: PRIOR FILING DATE: 1999-11-30
: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/30911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/30999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: SEQ ID NO 17
: LENGTH: 960
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-903-603A-17

Alignment Scores:
Pred. No.: 5,12e-20 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-28 (1-30) x US-09-903-603A-17 (1-960)

Qy 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr
Db 197 TCGTGATGAGCTCAGAGACTACTACTAGTGGGCAAGACATACAGTCTGTGACACC
Qy 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGCAACGCCAGCGGGCCCATGCC 286

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RESULT 6
US-09-203-939-1
; Sequence 1, Application US/09203939
; Patent No. 6258939


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US-09-080-140-28 (1-30) x US-09-251-835-1 (1-998)
Qy 1 CysValAspSerGlnAspTyrValGlyLysAsnIleThrCysCysAspThr 20
Db 225 TGC GTGGATGACTCACAGGACTACTACGTGGCAAGAACAATCACGTCTGTGACACC 284
Qy 21 AspleuCysAsnAlaSerGlyAlaHisAla 30
Db 285 GACTTGTCACGCCCGCCCATGCC 314

RESULT 8
US-09-318-503-1
; Sequence 1, Application US/09318503A
; Patent No.: 626791
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; TITLE OF INVENTION: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US13
; CURRENT APPLICATION NUMBER: US/09/318,503A
; CURRENT FILING DATE: 1999-05-25
; EARLIER APPLICATION NUMBER: 08/814,279
; EARLIER FILING DATE: 1997-03-10
; EARLIER APPLICATION NUMBER: 60/071,141
; EARLIER FILING DATE: 1998-01-12
; EARLIER APPLICATION NUMBER: 60/074,675
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 09/038,261
; EARLIER FILING DATE: 1998-03-10
; EARLIER APPLICATION NUMBER: 09/203,939
; EARLIER FILING DATE: 1998-12-02
; EARLIER APPLICATION NUMBER: 09/251,835
; EARLIER FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc feature

US-09-080-140-28 (1-30) x US-09-318-503-1 (1-998)
Qy 1 CysValAspSerGlnAspTyrValGlyLysAsnIleThrCysCysAspThr 20
Db 225 TGC GTGGATGACTCACAGGACTACTACGTGGCAAGAACAATCACGTCTGTGACACC 284
Qy 21 AspleuCysAsnAlaSerGlyAlaHisAla 30
Db 285 GACTTGTCACGCCCGCCCATGCC 314

Alignment Scores:
Score: 5.39e-20 Length: 998
Pred. No.: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Dbs: 3 Gaps: 0

US-09-080-140-28 (1-30) x US-09-318-503-1 (1-998)
Qy 1 CysValAspSerGlnAspTyrValGlyLysAsnIleThrCysCysAspThr 20
Db 225 TGC GTGGATGACTCACAGGACTACTACGTGGCAAGAACAATCACGTCTGTGACACC 284
Qy 21 AspleuCysAsnAlaSerGlyAlaHisAla 30
Db 285 GACTTGTCACGCCCGCCCATGCC 314

RESULT 9
US-09-038-261A-1
; Sequence 1, Application US/09038261A
; Patent No.: 6267960
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54USU1
; CURRENT APPLICATION NUMBER: US/09/038,261A
; CURRENT FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature

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; PRIOR APPLICATION NUMBER: 60/071,141
 ; PRIOR FILING DATE: 1998-01-12
 ; PRIOR APPLICATION NUMBER: 60/074,675
 ; PRIOR FILING DATE: 1998-02-13
 ; PRIOR APPLICATION NUMBER: 60/113,230
 ; PRIOR FILING DATE: 1998-12-21
 ; PRIOR APPLICATION NUMBER: 60/120,536
 ; PRIOR FILING DATE: 1998-02-17
 ; PRIOR APPLICATION NUMBER: 60/124,658
 ; PRIOR FILING DATE: 1999-03-16
 ; PRIOR APPLICATION NUMBER: 09/038,261
 ; PRIOR FILING DATE: 1998-03-10
 ; PRIOR APPLICATION NUMBER: 09/203,939
 ; PRIOR FILING DATE: 1998-12-02
 ; PRIOR APPLICATION NUMBER: 09/251,835
 ; PRIOR FILING DATE: 1999-02-17
 ; PRIOR APPLICATION NUMBER: 09/308,503
 ; PRIOR FILING DATE: 1999-05-25
 ; NUMBER OF SEQ ID NOS: 27
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 998

; TYPE: DNA
 ; ORGANISM: HUMAN PSCA (hPSCA)
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: {543}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {580}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {584}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {604}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {608}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {615}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {636}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {640}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {646}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {697}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {926}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

US-09-963-620-1

Alignment Scores:

Pred. No.:	5,39e-20	Length:	998
Score:	173.00	Matches:	30
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	4	Gaps:	0

US-09-080-140-28 (1-30) x US-09-963-620-1 (1-998)

QY 1 CysValAspAsnSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
 Db 225 TCGGTGGTGAAGTCACTACGAGGACTACTACGTGGGCAAGAACATCACGTCGTGTGACACC 284

QY 21 AspleuCyAsnAlaSerGlyAlaHisIala 30
 Db 285 GACITGTGCAACGCCGCCGCCGCCATGCC 314

RESULT 12

US-09-855-632-1
 ; Sequence 1, Application US/09855632
 ; Patent No. 6790939
 ; GENERAL INFORMATION:
 ; APPLICANT: Reiter, Robert E.
 ; APPLICANT: Witte, Owen N.
 ; APPLICANT: Saffran, Douglas C.
 ; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
 ; FILE REFERENCE: 30435.54US14
 ; CURRENT APPLICATION NUMBER: US/09/855,632
 ; CURRENT FILING DATE: 2001-05-14
 ; PRIOR APPLICATION NUMBER: 09/564,329
 ; PRIOR FILING DATE: 2000-05-03
 ; PRIOR APPLICATION NUMBER: 09/359,326
 ; PRIOR FILING DATE: 1999-07-20
 ; PRIOR APPLICATION NUMBER: 08/814,279
 ; PRIOR FILING DATE: 1997-03-10
 ; PRIOR APPLICATION NUMBER: 60/071,141
 ; PRIOR FILING DATE: 1998-01-12
 ; PRIOR APPLICATION NUMBER: 60/074,675
 ; PRIOR FILING DATE: 1998-02-13
 ; PRIOR APPLICATION NUMBER: 60/113,230
 ; PRIOR FILING DATE: 1998-12-21
 ; PRIOR APPLICATION NUMBER: 60/120,536
 ; PRIOR FILING DATE: 1999-02-17
 ; PRIOR APPLICATION NUMBER: 60/124,658
 ; PRIOR FILING DATE: 1999-03-16
 ; PRIOR APPLICATION NUMBER: 09/038,261
 ; PRIOR FILING DATE: 1998-03-10
 ; PRIOR APPLICATION NUMBER: 09/203,939
 ; PRIOR FILING DATE: 1998-12-02
 ; PRIOR APPLICATION NUMBER: 09/251,835
 ; PRIOR FILING DATE: 1999-02-17
 ; PRIOR APPLICATION NUMBER: 09/308,503
 ; PRIOR FILING DATE: 1999-05-25
 ; NUMBER OF SEQ ID NOS: 27
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 998
 ; TYPE: DNA
 ; ORGANISM: HUMAN PSCA (hPSCA)
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: {543}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {580}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {584}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {604}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {608}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {615}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {636}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {640}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {646}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {697}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc feature
 ; LOCATION: {926}
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

; LOCATION: (646)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (697)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; NAME/KEY: misc_feature
 ; LOCATION: (926)
 ; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
 ; US-09-855-632-1

Alignment Scores:
 Pred. No.: 5.39e-20 Length: 998
 Score: 173.00 Matches: 30
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 4 Gaps: 0

US-09-080-140-28 (1-30) x US-09-855-632-1 (1-998)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
 Db 225 TCGTGGTGAAGTCAAGAGTACTACGTTGGCAAGAGAACATCAGCTGTGTGACACC 284

QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
 Db 285 GACTTGTGCAAGCCAGCGGGGCCCATGCC 314

RESULT 13

US-08-675-508-4
 ; Sequence 4, Application US/08675508
 ; Patent No. 5856136
 ; GENERAL INFORMATION:
 ; APPLICANT: Au-Young, Janice
 ; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: U.S.
 ; ZIP: 94304

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; FILING DATE: Filed Herewith
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0066 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-845-4166
 ; TELEFAX: 415-855-0555

; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 494 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; IMMEDIATE SOURCE:
 ; LIBRARY: SCAH-2
 ; CLONE:
 ; US-08-675-508-4

Alignment Scores:
 Pred. No.: 1.02e-19 Length: 494
 Score: 169.00 Matches: 29

Percent Similarity: 96.67% Conservative: 0
 Best Local Similarity: 96.67% Mismatches: 1
 Query Match: 97.69% Indels: 0
 DB: 2 Gaps: 0

US-09-080-140-28 (1-30) x US-08-675-508-4 (1-494)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
 Db 214 TCGTGGTGAAGTCAAGAGTACTACGTTGGCAAGAGAACATCAGCTGTGTGACACC 273

QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
 Db 274 GACTTGTGCAAGCCAGCGGGGCCCATGCC 303

RESULT 14

US-08-675-508-21
 ; Sequence 21, Application US/08675508
 ; Patent No. 5856136

; GENERAL INFORMATION:
 ; APPLICANT: Au-Young, Janice
 ; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: U.S.
 ; ZIP: 94304

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/675,508
 ; FILING DATE: Filed Herewith
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0066 US

; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-845-4166
 ; INFORMATION FOR SEQ ID NO: 21:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 286 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; IMMEDIATE SOURCE:
 ; LIBRARY: UTRSN0T01
 ; CLONE: 588615

; US-08-675-508-21
 Alignment Scores:
 Pred. No.: 1.24e-16 Length: 286
 Score: 149.00 Matches: 25

Percent Similarity: 83.33% Conservative: 0
 Best Local Similarity: 83.33% Mismatches: 5
 Query Match: 86.13% Indels: 0
 DB: 2 Gaps: 0

US-09-080-140-28 (1-30) x US-08-675-508-21 (1-286)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
 Db 180 TCGTGGTGAAGTCAAGAGTACTACGTTGGCAAGAGAACATCAGCTGTGTGACACC 239

QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
 Db 214 TCGTGGTGAAGTCAAGAGTACTACGTTGGCAAGAGAACATCAGCTGTGTGACACC 273

Db 240 GACTTGTGCAANGCAGCGGGGCCCATGCC 269

RESULT 15

US-08-675-508-23

; Sequence 23, Application US/08675508

; Patent No. 5856136

; GENERAL INFORMATION:

; APPLICANT: Au-Young, Janice

; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Incyte Pharmaceuticals, Inc.

; STREET: 3174 Porter Drive

; CITY: Palo Alto

; STATE: CA

; COUNTRY: U.S.

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/675,508

; FILING DATE: Filed Herewith

; ATTORNEY/AGENT INFORMATION:

; NAME: Billings, Lucy J.

; REGISTRATION NUMBER: 36,749

; REFERENCE/DOCKET NUMBER: PF-0066 US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-855-0555

; TELEFAX: 415-845-4166

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 288 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; IMMEDIATE SOURCE:

; LIBRARY: BLADTUT02

; CLONE: 1312529

US-08-675-508-23

Alignment Scores:

Pred. No.:	1.38e-14	Length:	288
Score:	137.00	Matches:	23
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	79.19%	Indels:	0
DB:	2	Gaps:	0

US-09-080-140-28 (1-30) x US-08-675-508-23 (1-288)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysAsnIleThrCysCysAspThr 20

Db 214 TCGGTGGATGATCTACAGACTACTACGTGGGCAAGACATCACTGCTGTGACACC 273

QY 21 AspLeuCys 23

Db 274 GACTTGTGC 282

Search completed: October 23, 2004, 16:15:19

Job time : 33.8571 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 22, 2004, 13:56:46 ; Search time 189.891 Seconds
(without alignments)
809.547 Million cell updates/sec

Title: US-09-080-140-28

Perfect score: 173

Sequence: 1 CVDDSDYYVGVKKNITCDDTLNAGGAHA 30

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Xgapop 10.0 , Xgapext 0.5
Fgapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 3407233 seqs, 2561960514 residues

Total number of hits satisfying chosen parameters: 6814466

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-LOOPCL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=-1 -MATRIX=blomsum62
-TRANS=human40.cdi -LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100
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Database :

Published Applications NA:
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2: /cgn2_6/ptodata/2/pubpna/FCT_NEW_PUB.seq:
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5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:
6: /cgn2_6/ptodata/2/pubpna/FCTUS_PUBCOMB.seq:
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:
9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:
13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:
14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:
15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:
16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq:
17: /cgn2_6/ptodata/2/pubpna/US10E_PUBCOMB.seq:
18: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:
19: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:
20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:
21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	173	100.0	212	15	US-10-029-386-14834	Sequence 14834, A
2	173	100.0	265	11	US-09-080-140-5	Sequence 5, Appli
3	173	100.0	594	15	US-10-029-386-1131	Sequence 1131, Ap
4	173	100.0	960	9	US-09-909-320-17	Sequence 17, Appl
5	173	100.0	960	9	US-09-909-0888-17	Sequence 17, Appl
6	173	100.0	960	9	US-09-905-291A-17	Sequence 17, Appl
7	173	100.0	960	9	US-09-902-853-17	Sequence 17, Appl
8	173	100.0	960	9	US-09-907-824-17	Sequence 17, Appl
9	173	100.0	960	9	US-09-907-841-17	Sequence 17, Appl
10	173	100.0	960	10	US-09-904-011-17	Sequence 17, Appl
11	173	100.0	960	10	US-09-903-640-17	Sequence 17, Appl
12	173	100.0	960	10	US-09-908-093-17	Sequence 17, Appl
13	173	100.0	960	10	US-09-906-742-17	Sequence 17, Appl
14	173	100.0	960	10	US-09-906-838-17	Sequence 17, Appl
15	173	100.0	960	10	US-09-907-613-17	Sequence 17, Appl
16	173	100.0	960	10	US-09-907-942-17	Sequence 17, Appl
17	173	100.0	960	10	US-09-904-859-17	Sequence 17, Appl
18	173	100.0	960	10	US-09-903-204-17	Sequence 17, Appl
19	173	100.0	960	10	US-09-904-820-17	Sequence 17, Appl
20	173	100.0	960	10	US-09-904-786-17	Sequence 17, Appl
21	173	100.0	960	10	US-09-906-646-17	Sequence 17, Appl
22	173	100.0	960	10	US-09-906-700-17	Sequence 17, Appl
23	173	100.0	960	10	US-09-903-786-17	Sequence 17, Appl
24	173	100.0	960	10	US-09-902-903-17	Sequence 17, Appl
25	173	100.0	960	10	US-09-903-749A-17	Sequence 17, Appl
26	173	100.0	960	10	US-09-904-119-17	Sequence 17, Appl
27	173	100.0	960	10	US-09-904-956-17	Sequence 17, Appl
28	173	100.0	960	10	US-09-902-736-17	Sequence 17, Appl
29	173	100.0	960	10	US-09-907-794-17	Sequence 17, Appl
30	173	100.0	960	10	US-09-903-943-17	Sequence 17, Appl
31	173	100.0	960	10	US-09-904-462-17	Sequence 17, Appl
32	173	100.0	960	10	US-09-907-925-17	Sequence 17, Appl
33	173	100.0	960	10	US-09-902-692-17	Sequence 17, Appl
34	173	100.0	960	10	US-09-903-520-17	Sequence 17, Appl
35	173	100.0	960	10	US-09-905-056-17	Sequence 17, Appl
36	173	100.0	960	10	US-09-909-064-17	Sequence 17, Appl
37	173	100.0	960	10	US-09-904-553-17	Sequence 17, Appl
38	173	100.0	960	10	US-09-905-381-17	Sequence 17, Appl
39	173	100.0	960	10	US-09-904-485-17	Sequence 17, Appl
40	173	100.0	960	10	US-09-905-348-17	Sequence 17, Appl
41	173	100.0	960	10	US-09-905-088-17	Sequence 17, Appl
42	173	100.0	960	10	US-09-907-575-17	Sequence 17, Appl
43	173	100.0	960	10	US-09-905-075-17	Sequence 17, Appl
44	173	100.0	960	10	US-09-902-759-17	Sequence 17, Appl
45	173	100.0	960	10	US-09-902-634-17	Sequence 17, Appl

ALIGNMENTS

RESULT 1
US-10-029-386-14834
; Sequence 14834, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 14834
; LENGTH: 212
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AF235094.1

; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 6.9
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.7
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 9.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.5
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.5
; OTHER INFORMATION: NT HIT: g116162442, EVALUE 1.00e-111
; OTHER INFORMATION: SWISSPROT HIT: 043653, EVALUE 3.00e-19
; OTHER INFORMATION: EST_HUMAN HIT: BG765417.1, EVALUE 1.00e-111
US-10-029-386-14834

Alignment Scores:
Pred. No.: 2,5e-19 Length: 212
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 15 Gaps: 0

US-09-080-140-28 (1-30) x US-10-029-386-14834 (1-212)

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DB 48 TCGGTGGATGACTCAGGACTACTACGTGGGCAAGAGAACATCAGGTGCTGTGCACACC 107
QY 21 AspLeuCysAsnAlaSerGlyAlaHisala 30
DB 108 GACTTGTGCAACGCCAGCGGGCCCATGCC 137

RESULT 2

US-09-080-140-5
; Sequence 5, Application US/09080140
; Publication No. US2004018553A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/080,140
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/856,653
; FILING DATE: 15-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6105.US.PI

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:

; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 265 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-080-140-5

Alignment Scores:
Pred. No.: 3,3e-19 Length: 265
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 11 Gaps: 0

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DB 113 TCGGTGGATGACTCAGGACTACTACGTGGGCAAGAGAACATCAGGTGCTGTGCACACC 172
QY 21 AspLeuCysAsnAlaSerGlyAlaHisala 30
DB 173 GACTTGTGCAACGCCAGCGGGCCCATGCC 202

RESULT 3

US-10-029-386-1131
; Sequence 1131, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 1131
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AF235094.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 6.9
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.7
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 9.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.5
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.5
; OTHER INFORMATION: SWISSPROT HIT: 043653, EVALUE 1.00e-18
; OTHER INFORMATION: NT HIT: g116162442, EVALUE 0.00e+00
; OTHER INFORMATION: EST_HUMAN HIT: BG765417.1, EVALUE 0.00e+00
US-10-029-386-1131

Alignment Scores:
Pred. No.: 8,96e-19 Length: 594
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 15 Gaps: 0

US-09-080-140-28 (1-30) x US-10-029-386-1131 (1-594)

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 QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
 Db 205 GACITGTGCACGCCAGCGGGGCCCATGCC 234

RESULT 4

US-09-909-320-17

; Sequence 17, Application US/09909320

; Patent No. US20020132240A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/909,320

; CURRENT FILING DATE: 2002-01-04

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/21547

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05

; PRIOR APPLICATION NUMBER: PCT/US99/28214

; PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313

; PRIOR FILING DATE: 1999-11-30

; PRIOR APPLICATION NUMBER: PCT/US99/28564

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/28565

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/30095

; PRIOR FILING DATE: 1999-12-16

; PRIOR APPLICATION NUMBER: PCT/US99/30911

; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 17
 ; LENGTH: 960

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-909-320-17

Alignment Scores:

Pred. No.: 1-62e-18 Length: 960

Score: 173.00 Matches: 30

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 9 Gaps: 0

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 Db 197 TCGGTGGATGACTACAGGACTACTACGTGGCGCAAGAAACATACGCTGTGTGACACC 256

QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30

Db 257 GACITGTGCACGCCAGCGGGGCCCATGCC 286

RESULT 5

US-09-909-088B-17

; Sequence 17, Application US/09909088B

; Patent No. US20020146709A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/909,088B

; CURRENT FILING DATE: 2001-07-18

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20594

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; PRIOR FILING DATE: 1993-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1993-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1993-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1993-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1993-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1993-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1993-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1993-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1993-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1993-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1993-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-088B-17

Alignment Scores:
Pred. No.: 1.62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-28 (1-30) x US-09-909-088B-17 (1-960)
QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGTGGATGATCTACAGACTACTACGTGGCGCAGAGACATACGTGCTGTGACACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCACGCCAGCGGGGCCCATGCC 286

RESULT 6
US-09-905-291A-17
; Sequence 17, Application US/09905291A
; Patent No. US20020160374A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavins, Ivar J.
; APPLICANT: Mather, Jennie P.

```

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; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905.291A
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-905-291A-17

Alignment Scores:
Pred. No.: 1.62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-28 (1-30) x US-09-905-291A-17 (1-960)
QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGTGGATGATCTACAGACTACTACGTGGCGCAGAGACATACGTGCTGTGACACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCACGCCAGCGGGGCCCATGCC 286

RESULT 7
US-09-902-853-17

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; Sequence 17, Application US/09902853
; Publication No. US20020192659A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Timothy A.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-853-17

; Sequence 17, Application US/09907824
; Publication No. US20020197671A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-853-17

Alignment Scores:
Pred. No.: 1.62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-28 (1-30) x US-09-902-853-17 (1-960)
QY 1 CysValAspSerGlnAspTyrTrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGTGGTGGTACTACAGGACTACTACGTGGGCGAGAGACATACGCTGTGACACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCACGCCAGCGGGGCCCATGCC 286

RESULT 8
US-09-907-824-17
; Sequence 17, Application US/09907824
; Publication No. US20020197671A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-853-17
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; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-907-824-17

Alignment Scores:
Pred. No.: 1-62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-28 (1-30) x US-09-907-824-17 (1-960)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGGTGGATGACTCAGGACTACTACGTGGGCAAGAGACATCACGGTGTGCACACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCACGCCAGCGGGGCCCATGCC 286

RESULT 9
US-09-907-841-17
; Sequence 17, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

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; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-907-841-17

Alignment Scores:
Pred. No.: 1-62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-28 (1-30) x US-09-907-841-17 (1-960)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGGTGGATGACTCAGGACTACTACGTGGGCAAGAGACATCACGGTGTGCACACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCACGCCAGCGGGGCCCATGCC 286

RESULT 10
US-09-904-011-17
; Sequence 17, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
```

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; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,011
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-904-011-17

Alignment Scores:
Pred. No.: 1.62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-28 (1-30) x US-09-904-011-17 (1-960)

Qy 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGTGGATGACTCACAGGACTACTACGTGGCAAGAAACATCACGTGCTGTGACACC 256
Qy 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCAACGCCAGCGGGGCCCATGCC 286

US-09-080-140-28 (1-30) x US-09-904-011-17 (1-960)

Qy 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGTGGATGACTCACAGGACTACTACGTGGCAAGAAACATCACGTGCTGTGACACC 256
Qy 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCAACGCCAGCGGGGCCCATGCC 286

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RESULT 11
US-09-903-640-17
; Sequence 17, Application US/09903640
; Publication No. US20030017463A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,640
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-903-640-17

Alignment Scores:
Pred. No.: 1.62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-28 (1-30) x US-09-903-640-17 (1-960)

Qy 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGTGGATGACTCACAGGACTACTACGTGGCAAGAAACATCACGTGCTGTGACACC 256
Qy 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
Db 257 GACTTGTGCAACGCCAGCGGGGCCCATGCC 286

RESULT 12
US-09-908-093-17
; Sequence 17, Application US/09908093
; Publication No. US20030017498A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone

```

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/908,093
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo Sapien
US-09-908-093-17

Alignment Scores:
Pred. No.: 1,62e-18
Score: 173.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
Length: 960
Matches: 30
Conservative: 0
Mismatch: 0
Indels: 0

DB: 10 Gaps: 0
US-09-080-140-28 (1-30) x US-09-908-093-17 (1-960)
QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
Db 197 TCGGTGGATGACTCACAGGACTTACTACGTGGCAAGAAACATCACGCTGTGCACACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisala 30
Db 257 GACTTGTGCAAGCCAGCGGGGCCCATGCC 286
RESULT 13
US-09-906-742-17
Publication 17, Application US/09906742
Publication No. US20030023054A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,742
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02


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; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-742-17

Alignment Scores:
Pred. No.: 1,62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-28 (1-30) x US-09-906-742-17 (1-960)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
DB 137 TCGTGGATGACTACAGGACTACTACGTGGCAAGAGAACATCACGTGCTGTGCACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
DB 257 GACTTGTGCAACGCCAGCGGGCCCATGCC 286

RESULT 14
US-09-906-838-17
; Sequence 17, Application US/09906838
; Publication No. US20030027143A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Klijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,838
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
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; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-838-17

Alignment Scores:
Pred. No.: 1,62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-28 (1-30) x US-09-906-838-17 (1-960)

QY 1 CysValAspSerGlnAspTyrTyrValGlyLysLysAsnIleThrCysCysAspThr 20
DB 137 TCGTGGATGACTACAGGACTACTACGTGGCAAGAGAACATCACGTGCTGTGCACC 256
QY 21 AspLeuCysAsnAlaSerGlyAlaHisAla 30
DB 257 GACTTGTGCAACGCCAGCGGGCCCATGCC 286

RESULT 15
US-09-907-613-17
; Sequence 17, Application US/09907613
; Publication No. US20030027145A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,613
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
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PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo sapiens
US-09-907-613-17

Alignment Scores:
Pred. No.: 1,62e-18 Length: 960
Score: 173.00 Matches: 30
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-28 (1-30) x US-09-907-613-17 (1-960)

QY 1 CysValAspSerGlnAspTyrValGlyLysAsnIleThrCysCysAspThr 20
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Db 197 TCGGTGGATGACTCACAGGACTACTACGTGGGCAAGAGAACATCACGTGCTGTGACACC 256
Qy 21 AspLeuCysAsnAlaSerGlyAlaHisala 30
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Db 257 GACTTGTGCACGCCGACGCGGGCCCATGCC 286
Search completed: October 22, 2004, 18:29:44
Job time : 190.881 secs

GenCore version 5.1.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 23, 2004, 13:16:50 ; Search time 26.2857 Seconds

(without alignments)
648.981 Million cell updates/sec

Title: US-09-080-140-29

Perfect score: 120

Sequence: 1 LQPAAILALLPALGLLWGPQL 24

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOALIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=15
-MODE=LOCAL -OUTFMT=pct -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000
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-NO MMAP -LARGQUERY -NEG SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG
-DEV_TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

Issued Patents NA:
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2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
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5: /cgn2_6/ptodata/1/ina/PTUS.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	120	100.0	230	2	US-08-675-508-24
2	120	100.0	494	2	US-08-675-508-4
3	120	100.0	960	4	US-09-907-794A-17
4	120	100.0	960	4	US-09-908-125A-17
5	120	100.0	960	4	US-09-902-775A-17
6	120	100.0	960	4	US-09-906-700-17
7	120	100.0	960	4	US-09-903-603A-17
8	120	100.0	998	3	US-09-203-939-1
9	120	100.0	998	3	US-09-251-835-1
10	120	100.0	998	3	US-09-318-503-1
11	120	100.0	998	3	US-09-038-261A-1
12	120	100.0	998	4	US-09-564-329A-1

13	120	100.0	998	4	US-09-963-620-1	Sequence 1, Appli
14	120	100.0	998	4	US-09-855-632-1	Sequence 1, Appli
15	105	87.5	77	2	US-08-675-508-26	Sequence 26, Appl
16	105	87.5	251	2	US-08-675-508-22	Sequence 22, Appl
C 17	55.5	46.2	4403765	3	US-09-103-840A-2	Sequence 2, Appli
C 18	55.5	46.2	4411529	3	US-09-103-840A-1	Sequence 1, Appli
C 19	54	45.0	291	4	US-09-252-991A-8250	Sequence 8250, Ap
C 20	54	45.0	465	4	US-09-252-991A-8010	Sequence 8010, Ap
C 21	54	45.0	1199	4	US-09-620-312D-605	Sequence 605, App
C 22	54	45.0	1467	4	US-09-252-991A-8188	Sequence 8188, Ap
C 23	54	45.0	2304	4	US-09-540-236-426	Sequence 426, App
C 24	53	44.2	3694	3	US-09-232-200-46	Sequence 46, Appl
C 25	53	44.2	3694	3	US-09-232-197-46	Sequence 46, Appl
C 26	53	44.2	3694	3	US-09-232-201-46	Sequence 46, Appl
C 27	53	44.2	3694	4	US-09-232-195-46	Sequence 46, Appl
C 28	53	44.2	3704	3	US-09-232-200-24	Sequence 24, Appl
C 29	53	44.2	3704	3	US-09-232-197-24	Sequence 24, Appl
C 30	53	44.2	3704	3	US-09-232-201-24	Sequence 24, Appl
C 31	53	44.2	3704	4	US-09-232-195-24	Sequence 24, Appl
C 32	52.5	43.8	447	4	US-09-513-999C-3889	Sequence 3889, Ap
C 33	52	43.3	1968	4	US-09-799-451-95	Sequence 95, Appl
C 34	51.5	42.9	392000	4	US-10-027-983-11	Sequence 11, Appl
C 35	51	42.5	417	4	US-09-513-999C-2365	Sequence 2365, Ap
C 36	51	42.5	500	4	US-09-866-108A-15711	Sequence 15711, A
C 37	51	42.5	735	4	US-09-252-991A-1894	Sequence 1894, Ap
C 38	51	42.5	819	4	US-09-252-991A-1742	Sequence 1742, Ap
C 39	51	42.5	1314	4	US-09-866-108A-15667	Sequence 15667, A
C 40	51	42.5	1509	2	US-08-791-347-2	Sequence 2, Appli
C 41	51	42.5	1512	2	US-08-645-900A-3	Sequence 3, Appli
C 42	51	42.5	1512	2	US-08-882-238A-3	Sequence 3, Appli
C 43	51	42.5	1512	2	US-08-667-790A-3	Sequence 3, Appli
C 44	51	42.5	1512	2	US-09-220-459-3	Sequence 3, Appli
C 45	51	42.5	1512	3	US-08-546-568B-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-08-675-508-24
; Sequence 24, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 230 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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; MOLECULE TYPE: CDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1314679
US-08-675-508-24

Alignment Scores:
Pred. No.: 6,79e-10 Length: 230
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservatives: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

US-09-080-140-29 (1-24) x US-08-675-508-24 (1-230)

QY 1 LeuGlnProAlaAlaAlaLeuLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 44 CTGCAGCGGCTGCCGCCATCTTGGCTGCTCCCTGCACTCGGCGCTGCTCTGGGGA 103

QY 21 ProGlyGlnLeu 24
Db 104 CCGGCCACGCTA 115

RESULT 2
US-08-675-508-4
; Sequence 4, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 494 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; IMMEDIATE SOURCE:
; LIBRARY: SCAH-2
; CLONE:
US-08-675-508-4

Alignment Scores:
Pred. No.: 1,72e-09 Length: 494
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservatives: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0
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QY 1 LeuGlnProAlaAlaAlaLeuLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 304 CTGCAGCGGCTGCCGCCATCTTGGCTGCTCCCTGCACTCGGCGCTGCTCTGGGGA 363

QY 21 ProGlyGlnLeu 24
Db 364 CCGGCCACGCTA 375

RESULT 3
US-09-907-794A-17
; Sequence 17, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/34414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
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; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
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; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-902-775A-17

Alignment Scores:
Pred. No.: 3,85e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-29 (1-24) x US-09-902-775A-17 (1-960)
QY 1 LeuGlnProAlaAlaIleLeuLeuProAlaLeuGlyLeuLeuIleuTrpGly 20
Db 287 CTGACCGCGTGCAGCCACCTCTTGGCTGCTCCCTGACTCGGCCCTGCTGCTCTGGGA 346
QY 21 ProGlyGlnIleu 24
Db 347 CCGGCCAGCTA 358
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RESULT 6
US-09-906-700-17
; Sequence 17, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
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; LOCATION: (580)
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; US-09-203-939-1

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Alignment Scores:
Pred. No.: 4, 04e-09 Length: 998
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0

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US-09-080-140-29 (1-24) x US-09-203-939-1 (1-998)

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QY 1 LeuGlnProAlaAlaAlaLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 315 CTGACGCGGCTGCCCATCTTGGCTGCTCCCTGCACTCGGCTGCTCTGGGA 374
QY 21 ProGlyGlnLeu 24
Db 375 CCGGCCAGCTA 386

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RESULT 9
US-09-251-835-1
; Sequence 1, Application US/09251835A
; Patent No. 6261789
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54US12
; CURRENT APPLICATION NUMBER: US/09/251,835A
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1

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; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; NAME/KEY: misc feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; US-09-251-835-1

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Alignment Scores:
Pred. No.: 4, 04e-09 Length: 998
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0

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US-09-080-140-29 (1-24) x US-09-251-835-1 (1-998)

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QY 1 LeuGlnProAlaAlaAlaLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 315 CTGACGCGGCTGCCCATCTTGGCTGCTCCCTGCACTCGGCTGCTCTGGGA 374
QY 21 ProGlyGlnLeu 24
Db 375 CCGGCCAGCTA 386

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RESULT 10
US-09-318-503-1
; Sequence 1, Application US/09318503A
; Patent No. 6261791
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US13
; CURRENT APPLICATION NUMBER: US/09/318,503A
; CURRENT FILING DATE: 1999-05-25
; EARLIER APPLICATION NUMBER: 08/814,279
; EARLIER FILING DATE: 1997-03-10
; EARLIER APPLICATION NUMBER: 60/071,141
; EARLIER FILING DATE: 1998-01-12
; EARLIER APPLICATION NUMBER: 60/074,675

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; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 09/038,261
; EARLIER FILING DATE: 1998-03-10
; EARLIER APPLICATION NUMBER: 09/203,939
; EARLIER FILING DATE: 1998-12-02
; EARLIER APPLICATION NUMBER: 09/251,835
; EARLIER FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [543]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [580]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [584]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [604]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [608]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [615]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [636]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [640]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [646]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [697]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [926]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; US-09-318-503-1
Alignment Scores:
Pred. No.: 4.04e-09 Length: 998
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-29 (1-24) x US-09-318-503-1 (1-998)
Qy 1 LeuGlnProAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 315 CTGACGGCGGTGGCGGCATCCTTGGCTGCTCCTGCACCTGGCTGCTCTGGGA 374

; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 09/038,261
; EARLIER FILING DATE: 1998-03-10
; EARLIER APPLICATION NUMBER: 09/203,939
; EARLIER FILING DATE: 1998-12-02
; EARLIER APPLICATION NUMBER: 09/251,835
; EARLIER FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [543]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [580]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [584]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
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; NAME/KEY: misc_feature
; LOCATION: [604]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
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; NAME/KEY: misc_feature
; LOCATION: [608]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
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; LOCATION: [615]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [636]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [640]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [646]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [697]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [926]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; US-09-038-261A-1
Alignment Scores:
Pred. No.: 4.04e-09 Length: 998
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-29 (1-24) x US-09-038-261A-1 (1-998)
Qy 21 ProGlyGlnLeu 24
Db 375 CCCGCCAGCTA 386

RESULT 11
US-09-038-261A-1
; Sequence 1, Application US/09038261A
; Patent No. 6267960
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435, 54USUI
; CURRENT APPLICATION NUMBER: US/09/038,261A
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: [543]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [580]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [584]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [604]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [615]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [636]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [640]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [646]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [697]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: [926]
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; US-09-038-261A-1
Alignment Scores:
Pred. No.: 4.04e-09 Length: 998
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 3 Gaps: 0
US-09-080-140-29 (1-24) x US-09-038-261A-1 (1-998)
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QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGly 20
Db 315 CTGCAGCGGCTGCGCCATCTTGGCTGCTCCCTGCACTGGCCCTGCTGCTCTGGGA 374
QY 21 ProGlyGlnLeu 24
Db 375 CCGGCCAGCTA 386

RESULT 12
US-09-564-329A-1
; Sequence 1, Application US/09564329A
; Patent No. 6541212
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/564,329A
; CURRENT FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1998-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: {543}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {580}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {584}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {604}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {608}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {615}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {636}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {640}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)

; NAME/KEY: misc feature
; LOCATION: {646}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {697}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: {926}
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-564-329A-1

Alignment Scores:
Pred. No.: 4, 04e-09 Length: 998
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservatives: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-09-080-140-29 (1-24) x US-09-564-329A-1 (1-998)

QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGly 20
Db 315 CTGCAGCGGCTGCGCCATCTTGGCTGCTCCCTGCACTGGCCCTGCTGCTCTGGGA 374
QY 21 ProGlyGlnLeu 24
Db 375 CCGGCCAGCTA 386

RESULT 13
US-09-963-620-1
; Sequence 1, Application US/09963620
; Patent No. 6756036
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/963,620
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc feature

; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-963-620-1

Alignment Scores:

Pred. No.:	4.04e-09	Length:	998
Score:	120.00	Matches:	24
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	4	Gaps:	0

US-09-080-140-29 (1-24) x US-09-963-620-1 (1-998)

QY 1 LeuGlnProAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 315 CTGCAGCCGGCTGCCCATCTTGGCTGCTCCCTGCACTCGGCTGCTCTGGGA 374

QY 21 ProGlyGlnLeu 24

Db 375 CCCGCCAGCTA 386

RESULT 14

US-09-855-632-1
; Sequence 1, Application US/09855632
; Patent No. 6790939
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.54US14
; CURRENT APPLICATION NUMBER: US/09/855,632
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 09/564,329
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/359,326
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675

; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 60/113,230
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/120,536
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/124,658
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 09/251,835
; PRIOR FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 09/308,503
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (697)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
; NAME/KEY: misc_feature
; LOCATION: (926)
; OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
US-09-855-632-1

Alignment Scores:

Pred. No.:	4.04e-09	Length:	998
Score:	120.00	Matches:	24
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	4	Gaps:	0

US-09-080-140-29 (1-24) x US-09-855-632-1 (1-998)

QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 315 CTGCAGCCGGCTGCCCATCTTGGCTGCTCCCTGCACTCGGCTGCTCTGGGA 374
QY 21 ProGlyGlnLeu 24

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Db      375 CCCGCCAGCTA 386

RESULT 15
US-08-675-508-26
; Sequence 26, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 77 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1317088
US-08-675-508-26

Alignment Scores:
Pred. No.:      3.28e-08      Length:      77
Score:          105.00      Matches:     21
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches:  0
Query Match:      87.50%      Indels:      0
DB:                2      Gaps:          0

US-09-080-140-29 (1-24) x US-08-675-508-26 (1-77)

QY      1 LeuGlnProAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuTrpGly 20
Db      14 CTGCAGCGGCTGCCCATCTTGGCTGCTCCCTGCACTCGGCTGCTGCTGGGA 73

QY      21 Pro 21
Db      74 CCC 76

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Search completed: October 23, 2004, 16:15:25
 Job time : 32.2857 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: October 22, 2004, 13:56:46 ; Search time 151.905 Seconds
(without alignments)

809.547 Million cell updates/sec

Title: US-09-080-140-29

Perfect score: 120

Sequence: 1 LQPAAILALLPALGLLWGPQL 24

Scoring table: BLOSUM62

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 3407233 seqs, 2561960514 residues

Total number of hits satisfying chosen parameters: 6814466

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-Q=/cgn2_1/USPT_spool/US09080140/runat_22102004_113305_24238/app_query.fasta_1.1059

-DB=Published Applications NA -QMT=fastap -SUFFIX=rnpb -MINMATCH=0.1

-LOOPEXT=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=-1 -MATRIX=blosum62

-TRANS=human40.cdi -LIST=45 -DOCLIGN=200 -THR SCORE=pct -THR MAX=100

-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0

-MAXLEN=200000000 -USER=US09080140 -CGN1_1_1014 -runat_22102004_113305_24238

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-FGAPOP=6 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

Published Applications NA:

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2: /cgn2_6/ptodata/2/pubpna/PTC_NEW_PUB.seq:
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12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:
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16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq:
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20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:
21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Result No.	Score	Match	Length	DB	ID	Description
1	120	100.0	212	15	US-10-029-386-14834	Sequence 14834, A
2	120	100.0	230	9	US-09-934-586A-24	Sequence 24, Appl
3	120	100.0	230	11	US-09-080-140-6	Sequence 6, Appl
4	120	100.0	494	9	US-09-934-586A-4	Sequence 4, Appl
5	120	100.0	594	15	US-10-029-386-1131	Sequence 1131, Ap
6	120	100.0	960	9	US-09-909-320-17	Sequence 17, Appl
7	120	100.0	960	9	US-09-909-088B-17	Sequence 17, Appl
8	120	100.0	960	9	US-09-905-291A-17	Sequence 17, Appl
9	120	100.0	960	9	US-09-902-853-17	Sequence 17, Appl
10	120	100.0	960	9	US-09-907-824-17	Sequence 17, Appl
11	120	100.0	960	9	US-09-907-841-17	Sequence 17, Appl
12	120	100.0	960	10	US-09-904-011-17	Sequence 17, Appl
13	120	100.0	960	10	US-09-903-640-17	Sequence 17, Appl
14	120	100.0	960	10	US-09-908-093-17	Sequence 17, Appl
15	120	100.0	960	10	US-09-906-742-17	Sequence 17, Appl
16	120	100.0	960	10	US-09-906-838-17	Sequence 17, Appl
17	120	100.0	960	10	US-09-907-613-17	Sequence 17, Appl
18	120	100.0	960	10	US-09-907-942-17	Sequence 17, Appl
19	120	100.0	960	10	US-09-904-859-17	Sequence 17, Appl
20	120	100.0	960	10	US-09-909-204-17	Sequence 17, Appl
21	120	100.0	960	10	US-09-904-820-17	Sequence 17, Appl
22	120	100.0	960	10	US-09-904-786-17	Sequence 17, Appl
23	120	100.0	960	10	US-09-906-646-17	Sequence 17, Appl
24	120	100.0	960	10	US-09-906-700-17	Sequence 17, Appl
25	120	100.0	960	10	US-09-903-786-17	Sequence 17, Appl
26	120	100.0	960	10	US-09-902-903-17	Sequence 17, Appl
27	120	100.0	960	10	US-09-903-749A-17	Sequence 17, Appl
28	120	100.0	960	10	US-09-904-119-17	Sequence 17, Appl
29	120	100.0	960	10	US-09-904-956-17	Sequence 17, Appl
30	120	100.0	960	10	US-09-902-736-17	Sequence 17, Appl
31	120	100.0	960	10	US-09-907-794-17	Sequence 17, Appl
32	120	100.0	960	10	US-09-903-943-17	Sequence 17, Appl
33	120	100.0	960	10	US-09-904-462-17	Sequence 17, Appl
34	120	100.0	960	10	US-09-907-925-17	Sequence 17, Appl
35	120	100.0	960	10	US-09-902-692-17	Sequence 17, Appl
36	120	100.0	960	10	US-09-903-520-17	Sequence 17, Appl
37	120	100.0	960	10	US-09-905-056-17	Sequence 17, Appl
38	120	100.0	960	10	US-09-909-064-17	Sequence 17, Appl
39	120	100.0	960	10	US-09-904-553-17	Sequence 17, Appl
40	120	100.0	960	10	US-09-905-381-17	Sequence 17, Appl
41	120	100.0	960	10	US-09-904-485-17	Sequence 17, Appl
42	120	100.0	960	10	US-09-905-348-17	Sequence 17, Appl
43	120	100.0	960	10	US-09-905-088-17	Sequence 17, Appl
44	120	100.0	960	10	US-09-907-575-17	Sequence 17, Appl
45	120	100.0	960	10	US-09-905-075-17	Sequence 17, Appl

ALIGNMENTS

RESULT 1

US-10-029-386-14834
; Sequence 14834, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AROMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 14834
; LENGTH: 212
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AF235094.1

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; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 6.9
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.7
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 9.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.5
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.5
; OTHER INFORMATION: NT HIT: gh16162442, EVALUE 1.00e-111
; OTHER INFORMATION: SWISSPROT HIT: O43653, EVALUE 3.00e-19
; OTHER INFORMATION: EST HUMAN HIT: BG765417.1, EVALUE 1.00e-111
US-10-029-386-14834

Alignment Scores:
Pred. No.: 1 57e-09 Length: 212
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 15 Gaps: 0

US-09-080-140-29 (1-24) x US-10-029-386-14834 (1-212)

QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGly 20
Db 138 CTGCAGCGGCTGCTGCCATCCTTGGCTGCTCCCTGCACCTCGGCTGCTGCTCTGGGA 197

QY 21 ProGlyGlnLeu 24
Db 198 CCGGCCAGCTC 209

RESULT 2
US-09-934-586A-24
; Sequence 24, Application US/09934586A
; Patent No. US20020058241A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/934,586A
; FILING DATE: 23-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/225,080
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 230 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1314679

; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 6.9
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.7
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 9.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.5
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.5
; OTHER INFORMATION: NT HIT: gh16162442, EVALUE 1.00e-111
; OTHER INFORMATION: SWISSPROT HIT: O43653, EVALUE 3.00e-19
; OTHER INFORMATION: EST HUMAN HIT: BG765417.1, EVALUE 1.00e-111
US-09-934-586A-24

Alignment Scores:
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Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
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US-09-080-140-29 (1-24) x US-09-934-586A-24 (1-230)

QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGly 20
Db 44 CTGCAGCGGCTGCGCCATCCTTGGCTGCTCCCTGCACCTCGGCTGCTGCTCTGGGA 103

QY 21 ProGlyGlnLeu 24
Db 104 CCGGCCAGCTA 115

RESULT 3
US-09-080-140-6
; Sequence 6, Application US/09080140
; Publication No. US20040018553A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,140
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/856,653
; FILING DATE: 15-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6105.US.PI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 230 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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TOPOLOGY: linear
US-09-080-140-6

Alignment Scores:
Pred. No.: 1.71e-09 Length: 230
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
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US-09-080-140-29 (1-24) x US-09-080-140-6 (1-230)

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DB 44 CTGCAGCCGGTGGCGCCATCTTGGCTGTCTCCCTGCACCTCGGCTGTCTCTGGGA 103

QY 21 ProGlyGlnLeu 24
DB 104 CCCGCCAGCTA 115

RESULT 4
US-09-934-586A-4
; Sequence 4, Application US/09934586A
; Patent No. US20020058241A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; FILING DATE: 23-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/225,080
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0065 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 494 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: SCAH-2
; CLONE: <Unknown>
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-934-586A-4

Alignment Scores:
Pred. No.: 3.79e-09 Length: 494
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0

DB: 9 Gaps: 0
US-09-080-140-29 (1-24) x US-09-934-586A-4 (1-494)

QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuLeuProAlaLeuGlyLeuLeuLeuTrpGly 20
DB 304 CTGCAGCCGGTGGCGCCATCTTGGCTGTCTCCCTGCACCTCGGCTGTCTCTGGGA 363

QY 21 ProGlyGlnLeu 24
DB 364 CCCGCCAGCTA 375

RESULT 5
US-10-029-386-1131
; Sequence 1131, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 1131
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AF235094.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 6.9
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.7
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 9.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.5
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.5
; OTHER INFORMATION: SWISSPROT HIT: O43653, EVALUE 1.00e-18
; OTHER INFORMATION: NT HIT: g116162442, EVALUE 0.00e+00
; OTHER INFORMATION: EST_HUMAN HIT: BG765417.1, EVALUE 0.00e+00
US-10-029-386-1131

Alignment Scores:
Pred. No.: 4.59e-09 Length: 594
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 15 Gaps: 0

US-09-080-140-29 (1-24) x US-10-029-386-1131 (1-594)

QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuLeuProAlaLeuGlyLeuLeuLeuTrpGly 20
DB 235 CTGCAGCCGGTGGCGCCATCTTGGCTGTCTCCCTGCACCTCGGCTGTCTCTGGGA 294

QY 21 ProGlyGlnLeu 24
DB 295 CCCGCCAGCTC 306

RESULT 6
US-09-909-320-17
; Sequence 17, Application US/09909320
; Patent No. US2002013240A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,320
PRIOR FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo sapiens
US-09-909-320-17

Alignment Scores:
Pred. No.: 7,566-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-29 (1-24) x US-09-909-320-17 (1-960)
QY 1 LeuGlnProAlaAlaAlaIleLeuAlaLeuProAlaLeuGlyLeuLeuTrpGly 20
DB 287 CTGCAGCCGGCTGCCGCCATCCTTGGCTGCTCCCTGCACCTCGGCCTGCTCTGGGA 346
QY 21 ProGlyGlnLeu 24
DB 347 CCGGCCAGCTA 358
RESULT 7
US-09-909-088B-17
Sequence 17, Application US/09909088B
Patent No. US20020146709A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,088B
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095


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; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-088B-17

Alignment Scores:
Pred. No.: 7,56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-29 (1-24) x US-09-909-088B-17 (1-960)
Qy 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 287 CTGCAGCGCGTGGCGGCATCTTGGCTGCTCCCTGCACCTGGCGCTGCTCTGGGGA 346
Qy 21 ProGlyGlnLeu 24
Db 347 CCCGCCAGCTA 358

RESULT 8
US-09-905-291A-17
; Sequence 17, Application US/09905291A
; Patent No. US20020160374A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,291A
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
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; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-905-291A-17

Alignment Scores:
Pred. No.: 7,56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-29 (1-24) x US-09-905-291A-17 (1-960)
Qy 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 287 CTGCAGCGCGTGGCGGCATCTTGGCTGCTCCCTGCACCTGGCGCTGCTCTGGGGA 346
Qy 21 ProGlyGlnLeu 24
Db 347 CCCGCCAGCTA 358

RESULT 9
US-09-902-853-17
; Sequence 17, Application US/09902853
; Publication No. US20020192859A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
```

```
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/902,853
/ PRIOR FILING DATE: 2001-07-10
/ PRIOR APPLICATION NUMBER: US/09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 17
/ LENGTH: 960
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-09-902-853-17

Alignment Scores:
Pred. No.: 7,56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-29 (1-24) x US-09-902-853-17 (1-960)
QY 1 LeuGlnProAlaAlaLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 287 GTGACGGGCTGCGGCATCTTGGCTGCTCCCTGCACTGGCTGCTGCTCTGGGA 346
QY 21 ProGlyGlnLeu 24
Db 347 CCCGCCAGCTA 358
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; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-907-824-17

Alignment Scores:
Pred. No.: 7,56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-29 (1-24) x US-09-907-824-17 (1-960)

QY 1 LeuGlnProAlaAlaAlaLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 287 CTGCAGCGCGCTGCCGCATCCTTGGCTGCTCCCTGCACCTGGCGCTGCTCTGGGGA 346
QY 21 ProGlyGlnLeu 24
Db 347 CCGGGCCAGCTA 358

RESULT 11
US-09-907-841-17
; Sequence 17, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15

; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-907-824-17

Alignment Scores:
Pred. No.: 7,56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 9 Gaps: 0

US-09-080-140-29 (1-24) x US-09-907-841-17 (1-960)

QY 1 LeuGlnProAlaAlaAlaLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 287 CTGCAGCGCGCTGCCGCATCCTTGGCTGCTCCCTGCACCTGGCGCTGCTCTGGGGA 346
QY 21 ProGlyGlnLeu 24
Db 347 CCGGGCCAGCTA 358

RESULT 12
US-09-904-011-17
; Sequence 17, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,011
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
```

APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,640
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo Sapien
US-09-903-640-17

Alignment Scores:
Pred. No.: 7.56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-29 (1-24) x US-09-903-640-17 (1-960)

US-09-080-140-29 (1-24) x US-09-904-011-17 (1-960)

QY 1 LeuGlnProAlaAlaAlaIleLeuAlaLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 287 CTGCAGCGGCTGCGCCCATCTTGGCTGCTCCCTGCACCTGGCGCTGCTCTGGGGA 346

QY 21 ProGlyGlnLeu 24
Db 347 CCCGCCACGCTA 358

RESULT 13
US-09-903-640-17
Sequence 17, Application US/09903640
Publication No. US20030017463A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,640
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo Sapien
US-09-903-640-17

Alignment Scores:
Pred. No.: 7.56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-29 (1-24) x US-09-903-640-17 (1-960)

QY 1 LeuGlnProAlaAlaAlaIleLeuAlaLeuLeuProAlaLeuGlyLeuLeuTrpGly 20
Db 287 CTGCAGCGGCTGCGCCCATCTTGGCTGCTCCCTGCACCTGGCGCTGCTCTGGGGA 346

QY 21 ProGlyGlnLeu 24
Db 347 CCCGCCACGCTA 358

RESULT 14
US-09-908-093-17
Sequence 17, Application US/09908093
Publication No. US20030017498A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey

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; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/908,093
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
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; PRIOR APPLICATION NUMBER: PCT/US99/23089
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; PRIOR APPLICATION NUMBER: PCT/US99/28214
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; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
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; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-908-093-17

Alignment Scores:
Pred. No.: 7 56e-09 Length: 960
Score: 120.00 Matches: 24
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-080-140-29 (1-24) x US-09-908-093-17 (1-960)

QY 1 LeuGlnProAlaAlaAlaLeuAlaLeuProAlaLeuGlyLeuLeuLeuTrpGly 20
Db 287 CTGCAGCCGGCTGCCGCCATCTTGGCTGCTCCCTGCACCTGGCCCTGCTCTGGGCA 346
QY 21 ProGlyGlnLeu 24
Db 347 CCGGCCAGCTA 358

RESULT 15
US-09-906-742-17
; Sequence 17, Application US/09906742
; Publication No. US20030023054A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
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; APPLICANT: Pan, James
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,742
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-742-17

Alignment Scores:
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Pred. No.:	7.56e-09	Length:	960
Score:	120.00	Matches:	24
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

US-09-080-140-29 (1-24) x US-09-906-742-17 (1-960)

Qy		1	LeuGlnProAlaAalaIleLeuNlaIleLeuLeuProAlaLeuGlyLeuLeuTrpGly	20
Dd		287	CTGCAGCCGGCTGCCCATCCTTGGCTGTCTCCCTGCACTCGGCTGTCTCTGGGA	346
Qy		21	ProGlyGlnLeu	24
Dd		347	CCCGCCACGACTA	358

Search completed: October 22, 2004, 18:29:45
Job time : 152.905 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 23, 2004, 13:12:14 ; Search time 101.5 Seconds
(without alignments)
7163.912 Million cell updates/sec

Title: US-09-080-140-12

Perfect score: 1023

Sequence: 1 CATTGAGGCCATATAAGT.....ACACCTGTTGATAGCCCA 1023

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Issued Patents NA:*

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
- 4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	953.4	93.2	960	4	US-09-907-794A-17
2	953.4	93.2	960	4	US-09-905-125A-17
3	953.4	93.2	960	4	US-09-902-775A-17
4	953.4	93.2	960	4	US-09-906-700-17
5	953.4	93.2	960	4	US-09-903-603A-17
6	879.6	86.0	998	3	US-09-203-939-1
7	879.6	86.0	998	3	US-09-251-835-1
8	879.6	86.0	998	3	US-09-318-503-1
9	879.6	86.0	998	3	US-09-038-261A-1
10	879.6	86.0	998	4	US-09-564-329A-1
11	879.6	86.0	998	4	US-09-963-620-1
12	879.6	86.0	998	4	US-09-855-632-1
13	451.4	44.1	494	2	US-08-675-508-4
14	304.8	29.8	373	4	US-09-513-999C-610
15	284	27.8	288	2	US-08-675-508-23
16	262.8	25.7	286	2	US-08-675-508-21
17	230	22.5	230	2	US-08-675-508-24
18	218.4	21.3	232	2	US-08-675-508-25
19	203.2	19.9	441	3	US-09-203-939-3
20	203.2	19.9	441	3	US-09-251-835-3
21	203.2	19.9	441	3	US-09-318-503-3
22	203.2	19.9	441	3	US-09-038-261A-3
23	203.2	19.9	441	4	US-09-564-329A-3
24	203.2	19.9	441	4	US-09-963-620-3
25	203.2	19.9	441	4	US-09-855-632-3
26	170.6	16.7	251	2	US-08-675-508-22
27	77	7.5	77	2	US-08-675-508-26

28	63.4	6.2	7218	1	US-08-232-463-14	Sequence 14, Appl
29	52.4	5.1	280	2	US-08-675-508-17	Sequence 17, Appl
30	52.2	5.1	262	2	US-08-675-508-10	Sequence 10, Appl
31	52.2	5.1	289	2	US-08-675-508-11	Sequence 11, Appl
32	52.2	5.1	526	4	US-09-513-999C-14133	Sequence 14133, A
33	52.2	5.1	537	2	US-08-675-508-3	Sequence 3, Appl
34	52.2	5.1	1066	1	US-08-154-916-1	Sequence 1, Appl
35	52.2	5.1	1095	2	US-09-139-424-1	Sequence 1, Appl
36	52.2	5.1	1163	3	US-08-746-397-1	Sequence 1, Appl
37	51.2	5.0	266	2	US-08-675-508-16	Sequence 16, Appl
38	51.2	5.0	335	2	US-08-675-508-12	Sequence 12, Appl
39	46.8	4.6	196	2	US-08-675-508-8	Sequence 8, Appl
40	45	4.4	1893	4	US-09-252-991A-3131	Sequence 3131, Ap
41	45	4.4	2805	4	US-09-252-991A-2944	Sequence 2944, Ap
42	44.4	4.3	275	2	US-08-675-508-18	Sequence 18, Appl
43	44.4	4.3	525	4	US-09-252-991A-15328	Sequence 15328, A
44	44.4	4.3	957	4	US-09-252-991A-15376	Sequence 15376, A
45	44.4	4.3	963	4	US-09-252-991A-15461	Sequence 15461, A

ALIGNMENTS

RESULT 1

US-09-907-794A-17

; Sequence 17, Application US/09907794A

; Patent No. 6635468

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary B.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: ROY, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/907,794A

; CURRENT FILING DATE: 2001-07-17

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/21547

Qy	729	AC	TCTTCC	CCCGAG	AAACCTTCC	TGCGCA	CCCCA	CTCTAT	GA	CTTGAG	CCAGG	CTCTGGT	788			
Db	661	AC	TCTTCC	CCCGAG	AAACCTTCC	TGCGCA	CCCCA	CTCTAT	GA	CTTGAG	CCAGG	CTCTGGT	720			
Qy	789	CC	TGGTGT	TCCCGC	CA	CCAG	CAGG	GCAC	T	CAG	GAGG	CCCA	CA	GTAAAGGCTGA	848	
Db	721	CC	TGGTGT	TCCCGC	CA	CCAG	CAGG	GCAC	T	CAG	GAGG	CCCA	CA	GTAAAGGCTGA	780	
Qy	849	GAT	GAAGT	GACT	GAGT	AGAACT	CGAG	GCAC	AAAG	AGT	TGAC	CTGT	AGTT	CCTGGGAGTCC	908	
Db	781	GAT	GAA	GTGG	ACT	GAGT	AGAACT	CGAG	GCAC	AAAG	AGT	TGAC	CTGT	AGTT	CCTGGGAGTCC	840
Qy	909	AG	AGAT	GGGCTT	GGAG	GCCTTG	GAGG	AAAGGG	CCAG	GCCT	CACA	TTC	TCTGG	GGCTCCCTG	968	
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Qy	969	AAT	GGCAG	CTTG	AC	CAG	CGTAG	CGCCCTT	AAT	AAAC	ACCT	TGTTG	GATAAG	CCCA	1 023	
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; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
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; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-902-775A-17

Query Match          93.2%; Score 953.4; DB 4; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.2e-228;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 69 GCTGTTGCCCTGTTGATGGCAGGCTTGCCCTGACGAGCAGCTGCGCTCTGCTGCTA 128
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QY 129 CTCCTGCAAAAGCCAGGTGAGCAACGAGGACTGCTGAGGTGGAGACTGCACCCAGCT 188
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QY 189 GGGGAGCAGTGTGAGACCGCGCGATCGCGCAGTTGGCTCTCGTACCGTCAACGCAA 248
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QY 249 AGGCTGACGTTGAATCGTGTTGATGATCTACAGAGTACTACTAGTGGGCAAGAAAT 308
Db 181 AGGCTGACGTTGAATCGTGTTGATGATCTACAGAGTACTACTAGTGGGCAAGAAAT 240

QY 309 CACGCTGTGTACACCGACTTGTGAAACGCGAGCGGGCCCATGCCCTGCAGCCGCTGC 368
Db 241 CACGCTGTGTACACCGACTTGTGAAACGCGAGCGGGCCCATGCCCTGCAGCCGCTGC 300

QY 369 CGCCATCTTGGCTGCTCCCTGCACTCGGCTGCTGCTCTGGGACCCGCGCAGCTATA 428
Db 301 CGCCATCTTGGCTGCTCCCTGCACTCGGCTGCTGCTCTGGGACCCGCGCAGCTATA 360

QY 429 GSCCTGGGGGCGCGCTGAGCCACACTGGGTGTGTGTCGCCAGGCTCTGTGCCAC 488
Db 361 GSCCTGGGGGCGCGCTGAGCCACACTGGGTGTGTGTCGCCAGGCTCTGTGCCAC 420

QY 489 TCCTCACAGACTGCGCCAGTGGAGCCTGCTCTGCTTCTGAGGCACATCTTAAGCAA 548
Db 421 TCCTCACAGACTGCGCCAGTGGAGCCTGCTCTGCTTCTGAGGCACATCTTAAGCAA 480

QY 549 GTCTGACCATGTATGTCTGACCCCTGTGCCCCACCCCTGACCCCTGCCATGGCCCTTCCA 608
Db 481 GTCTGACCATGTATGTCTGACCCCTGTGCCCCACCCCTGACCCCTGCCATGGCCCTTCCA 540

QY 609 GGAATCCACCCGAGATGACCTCTAGTGACACAGATCCGCTGAGATGCGCCCTTCCA 668
Db 541 GGAATCCACCCGAGATGACCTCTAGTGACACAGATCCGCTGAGATGCGCCCTTCCA 600

QY 669 ACCCTCTGCTGCTGTTTCCATGGCCAGCATTCTCCACCCCTTAACCCCTGTGCTCAGGC 728
Db 601 ACCCTCTGCTGCTGTTTCCATGGCCAGCATTCTCCACCCCTTAACCCCTGTGCTCAGGC 660

QY 729 ACCTCTTCCCCAGGAAGCCTTCCCTGSCCAACCCCAATCATGACTTGAGCCAGGTCTGCT 788
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RESULT 4

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US-09-906-700-17
; Sequence 17, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
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; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
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; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
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; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-700-17

Query Match      93.2%; Score 953.4; DB 4; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.2e-228;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 69 GCTGCTTCCCTGTTGATGGCGAGGCTTGGCCCTGAGCCAGGCACTGCGCTGTGCTA 128
Db 1 GCTGCTTCCCTGTTGATGGCGAGGCTTGGCCCTGAGCCAGGCACTGCGCTGTGCTA 60

QY 129 CTCCTGCAAGAGCCAGGTGAGCAAGAGGACTGCTGAGGTGGAGAACTGCACCAAGCT 188
Db 61 CTCCTGCAAGAGCCAGGTGAGCAAGAGGACTGCTGAGGTGGAGAACTGCACCAAGCT 120

QY 189 GGGGAGCAGTCTCTGGACCGCGCGCATCGCGCAGTTGGCCCTCTGACCGTCATCAGCAA 248
Db 121 GGGGAGCAGTCTCTGGACCGCGCGCATCGCGCAGTTGGCCCTCTGACCGTCATCAGCAA 180

QY 249 AGGCTGACGTGTAACCTGGTGGATGACTCAGAGCACTACTAGTGGGGCAAGAAAT 308
Db 181 AGGCTGACGTGTAACCTGGTGGATGACTCAGAGCACTACTAGTGGGGCAAGAAAT 240

QY 309 CACGTGCTGTGACACCGCACTTGTGCAAGCCAGCGGGCCCATGCTGCGAGCCGGCTGC 368
Db 241 CACGTGCTGTGACACCGCACTTGTGCAAGCCAGCGGGCCCATGCTGCGAGCCGGCTGC 300

QY 369 CGCCATCTTGGCTGTCTCCCTGCACTCGGCTGTGCTCTGGGGACCGGGCCAGCTATA 428
Db 301 CGCCATCTTGGCTGTCTCCCTGCACTCGGCTGTGCTCTGGGGACCGGGCCAGCTATA 360

QY 429 GGCTTGGGGGGCCCGCTGAGCCCACTGGGTGTGGTGGCCCGCAGGCTGTGGCCAC 488
Db 361 GGCTTGGGGGGCCCGCTGAGCCCACTGGGTGTGGTGGCCCGCAGGCTGTGGCCAC 420

QY 489 TCCTCAGACACTGCGCCAGTGGAGCTGTCTGTTCTTCCCTGAGGCACATCTTAACGCAA 548
Db 421 TCCTCAGACACTGCGCCAGTGGAGCTGTCTGTTCTTCCCTGAGGCACATCTTAACGCAA 480

QY 549 GTCTGACCATGTATGTCTGCAACCCCTGTCCGCCACCCCTGAGCCCTCCCATGGCCCTCTCCA 608
Db 481 GTCTGACCATGTATGTCTGCAACCCCTGTCCGCCACCCCTGAGCCCTCCCATGGCCCTCTCCA 540

QY 609 GGACTCCCAACCGGAGATCAGCTTCTAGTGACACAGATCCCGCTGCAATGCCCTCTCA 668
Db 541 GGACTCCCAACCGGAGATCAGCTTCTAGTGACACAGATCCCGCTGCAATGCCCTCTCA 600

QY 669 ACCCTCTCTGCTGCTGTTTTCATGCGCCAGCAATCTCCACCTTAAACCTGTGCTCAGGC 728
Db 601 ACCCTCTCTGCTGCTGTTTTCATGCGCCAGCAATCTCCACCTTAAACCTGTGCTCAGGC 660

QY 729 ACCTCTTCCCCAGGAAGCCTTCCCTGCGCCACCCCATCTATGACTGTAGCCAGGTCTCGT 788
Db 729 ACCTCTTCCCCAGGAAGCCTTCCCTGCGCCACCCCATCTATGACTGTAGCCAGGTCTCGT 788
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RESULT 5

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US-09-903-603A-17
; Sequence 17, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
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; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-903-603A-17

Query Match      93.2%; Score 953.4; DB 4; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.2e-228;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 69 GCTGCTTGCCTGTTGATGCGCAGGCTTGGCCCTGCGAGCGAGCACTGCCCTGCTGTGCTA 128
Db 1 GCTGCTTGCCTGTTGATGCGCAGGCTTGGCCCTGCGAGCGAGCACTGCCCTGCTGTGCTA 60

QY 129 CTCCTGCAAAAGCCAGGTGAGCAACGAGGACTGCTTGCAGGTGGAGAACTGCACCCAGCT 188
Db 61 CTCCTGCAAAAGCCAGGTGAGCAACGAGGACTGCTTGCAGGTGGAGAACTGCACCCAGCT 120

QY 189 GGGGAGAGAGTGCTGACCGCGCGCATCCGCGAGTGGCTTCCCTGACCGTCAATAGCAA 248
Db 121 GGGGAGAGAGTGCTGACCGCGCGCATCCGCGAGTGGCTTCCCTGACCGTCAATAGCAA 180

QY 249 AGGCTGACGTTGAACCTGGTGGATGACTCAGAGACTACTAGTGGGCAAGAAGCAAT 308
Db 181 AGGCTGACGTTGAACCTGGTGGATGACTCAGAGACTACTAGTGGGCAAGAAGCAAT 240

QY 309 CAGCTGCTGTGACACCGACTTGTGCAACGCCAGCGGGGCCATGCCCTCAGCGGCTGC 368
Db 241 CAGCTGCTGTGACACCGACTTGTGCAACGCCAGCGGGGCCATGCCCTCAGCGGCTGC 300

QY 369 CGCCATTCCTTGGCTGCTCCCTGCACTGGGCTGTGCTCTGGGAGACCGCGGCAAGTATA 428
Db 301 CGCCATTCCTTGGCTGCTCCCTGCACTGGGCTGTGCTCTGGGAGACCGCGGCAAGTATA 360

QY 429 GGCTCTGGGGGGCCCGCTGCGAGCCACACTGGGTGGTGGCCAGGCTCTGTGCCAC 488
Db 361 GGCTCTGGGGGGCCCGCTGCGAGCCACACTGGGTGGTGGCCAGGCTCTGTGCCAC 420

QY 489 TCCTCACAAGACTGCGCCAGTGGAGGCTGTCTGTTCTTCTGAGGCACATCTCTAAGCGAA 548
Db 421 TCCTCACAAGACTGCGCCAGTGGAGGCTGTCTGTTCTTCTGAGGCACATCTCTAAGCGAA 480

QY 549 GTCTGACCATGTATGTCTGCACCCCTGTCCCGACCGCTGACCTCCCATGGCCCTCTCA 608
Db 481 GTCTGACCATGTATGTCTGCACCCCTGTCCCGACCGCTGACCTCCCATGGCCCTCTCA 540

QY 609 GGACTCCCAACCGGACAGATCAGCTCTAGTGACACAGATCCGCTGCAGATGGCCCTTCA 668
Db 541 GGACTCCCAACCGGACAGATCAGCTCTAGTGACACAGATCCGCTGCAGATGGCCCTTCA 600

QY 669 ACCCTCTCTGCTGTGTTTCCATGGCCAGCATCTTCCACCTTAACCTGTGCTCAGGC 728
Db 601 ACCCTCTCTGCTGTGTTTCCATGGCCAGCATCTTCCACCTTAACCTGTGCTCAGGC 660

QY 729 ACCTCTTCCCGAGGAAGCTTCCCTGCGCCACCCATCTATGACTGAGCCAGGCTGCT 788
Db 661 ACCTCTTCCCGAGGAAGCTTCCCTGCGCCACCCATCTATGACTGAGCCAGGCTGCT 720
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RESULT 6

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US-09-203-939-1
; Sequence 1, Application US/09203939
; Patent No. 6258939
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
; FILE REFERENCE: 30435.5AUSII
; CURRENT APPLICATION NUMBER: US/09/203,939
; CURRENT FILING DATE: 2000-12-02
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998
; TYPE: DNA
; ORGANISM: HUMAN PSCA (hPSCA)
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (543)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (580)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (584)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (604)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (608)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (615)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (636)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (640)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (646)
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc.feature
; LOCATION: (697)
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QY 789 CCGTGTGTCCCCCGCACCCAGCGGGGACAGGCACTCAGGAGGCCAGTAAGGCTGA 848
Db 721 CCGTGTGTCCCCCGCACCCAGCGGGGACAGGCACTCAGGAGGCCAGTAAGGCTGA 780
QY 849 GATGAAGTGGACTGAGTAGAACTGGAGGACAAGAGTCGACGTGAGTTCCTGGGAGTCTCC 908
Db 781 GATGAAGTGGACTGAGTAGAACTGGAGGACAAGAGTCGACGTGAGTTCCTGGGAGTCTCC 840
QY 909 AGAGATGGGGCCTGGAGGCTTGAGGAAGGGGCGGCACTCAGTTCGTTGGGGCTCCCTG 968
Db 841 AGAGATGGGGCCTGGAGGCTTGAGGAAGGGGCGGCACTCAGTTCGTTGGGGCTCCCTG 900
QY 969 AATGGCAGCCTGAGCAGACGCTAGGCCCTTAATAACACCTGTGGATAAGCCCA 1023
Db 901 AATGGCAGCCTGAGCAGACGCTAGGCCCTTAATAACACCTGTGGATAAGCCCA 955
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; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
; NAME/KEY: misc feature
; LOCATION: [926]
; OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
US-09-203-939-1

Query Match 86.0%; Score 879.6; DB 3; Length 998;
Best Local Similarity 96.0%; Pred. No. 5,4e-210;
Matches 939; Conservative 0; Mismatches 34; Indels 5; Gaps 4;

QY	50	CAGTGACCATGAAGCTGTGCTTGGCCCTGTGTATGCGAGCTTTGGCCCTGCGACCCAG	109
DB	10	CAGTGACCATGAAGCTGTGCTTGGCCCTGTGTATGCGAGCTTTGGCCCTGCGACCCAG	69
QY	110	GCAGTGCCTGCTGTGCTTACTCTCTCAAGCCCGAGTGAGCAACGAGGACTGCTGCAGG	169
DB	70	GCAGTGCCTGCTGTGCTTACTCTCTCAAGCCCGAGTGAGCAACGAGGACTGCTGCAGG	129
QY	170	TGGAGAACTGCACCCAGCTTGGGGGAGCAGTGTGACCCGCGCATCCGCGAGTTGGCC	229
DB	130	TGGAGAACTGCACCCAGCTTGGGGGAGCAGTGTGACCCGCGCATCCGCGAGTTGGCC	189
QY	230	TCCTGACCGTATACAGCAAGGCTGCAGCTTGAACCTGCGTGGATGACTCACAGGACTACT	289
DB	190	TCCTGACCGTATACAGCAAGGCTGCAGCTTGAACCTGCGTGGATGACTCACAGGACTACT	249
QY	290	ACGTGGGCAAGAACATCAGTGTGTGACCCGACTTGTGCAACGCGCAGCGGGGCC	349
DB	250	ACGTGGGCAAGAACATCAGTGTGTGACCCGACTTGTGCAACGCGCAGCGGGGCC	309
QY	350	ATGCCCTGCAGCGGCTGCGGCATCTTGGCTGTCTCCCTGCTCAGCTCGGCTGTGCTCT	409
DB	310	ATGCCCTGCAGCGGCTGCGGCATCTTGGCTGTCTCCCTGCTCAGCTCGGCTGTGCTCT	369
QY	410	GGGAGCCGGCCAGTATAGGCTCTGGGGGCCCCGCTGACCCACACACTGGGTGTGGTG	469
DB	370	GGGAGCCGGCCAGTATAGGCTCTGGGGGCCCCGCTGACCCACACACTGGGTGTGGTG	429
QY	470	CCCCAGGCTCTGTGCCACTCTCTCAG-ACCTGGCCAGTGGGAGCTGTCTGCTTCC	528
DB	430	CCCCAGGCTCTGTGCCACTCTCTCAGAACCTGGCCAGTGGGAGCTGTCTGCTTCC	489
QY	529	TGAGGCATCTTAACGCAAGTCTGACCATGTATGTCTGACCCCTGTCTCCCTCC	586
DB	490	TGAGGCATCTTAACGCAAGTCTGACCATGTATGTCTGACCCCTGTCTCCCTCC	549
QY	587	GACCTTCCCAT-GGCCCTCTCCAGGACTCCACCCGCGCAGTACGCTCTAGTGACACAGA	645
DB	550	GACCTTCCCATGGGCTTTTCCAGGATTCNACCCGCGCAGTACGCTTTTAGTGANACANA	609
QY	646	TCCGCTCAGATGGCCCTCCAACTCTCTGCTGTCTGCTTTCATGGCCGAGCATTTCTC	705
DB	610	TCCGCTCAGATGGCCCTCCAACTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	669
QY	706	CACCTTAACTGTGCTCAGGACTCTTCCCTCCAGGAAGCTTCCCTGCGCCACCCCAT	765
DB	670	CACCTTAACTGTGCTCAGGACTTNTTCCCTCCAGGAGCTTCCCTGCGCCACCCCAT	729
QY	766	CTATGACTTGACCGAGTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	825
DB	730	TTATGAAATTGACCGAGTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	789
QY	826	CAGGAGGCGCCAGTAAAGCTCAGATGAGTGTGACTGAGTAGAATGAGGAGCAAGATC	885
DB	790	CAGGAGGCGCCAGTAAAGCTCAGATGAGTGTGACTGAGTAGAATGAGGAGCAAGATC	849
QY	886	GACGTGAGTCTCTGGAGTCTCAGAGATGGGCGCTGGAGGCTGCGAGGCGGCCAGG	945
DB	850	GACGTGAGTCTCTGGAGTCTCAGAGATGGGCGCTGGAGGCTGCGAGGCGGCCAGG	909
QY	946	CCTCAGTTCTGGGGCTCCCTGAATGGCAGCTGAGCAGCAGCTGAGGCGCTTAAATAAC	1005
DB	910	CCTCAGTTCTGGGGCTCCCTGAATGGCAGCTGAGCAGCAGCTGAGGCGCTTAAATAAC	968

QY	1006	ACCTGTTGGATAAGCCCA	1023
DB	969	ACCTGTTGGATAAGCCAA	986

RESULT 7

US-09-251-835-1
; Sequence 1, Application US/09251835A
; Patent No. 6261789
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN
; FILE REFERENCE: 30435.54US12
; CURRENT APPLICATION NUMBER: US/09/251,835A
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 08/814,279
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: 60/071,141
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/074,675
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: 09/038,261
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 09/203,939
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 998

TYPE: DNA
ORGANISM: HUMAN PSCA (hPSCA)
FEATURE:
NAME/KEY: misc feature
LOCATION: [543]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [580]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [584]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [604]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [608]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [636]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [640]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [646]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [697]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)
NAME/KEY: misc feature
LOCATION: [926]
OTHER INFORMATION: any nucleotide (i.e. a, c, g or t)

US-09-251-835-1

Query Match 86.0%; Score 879.6; DB 3; Length 998;
Best Local Similarity 96.0%; Pred. No. 5,4e-210;
Matches 939; Conservative 0; Mismatches 34; Indels 5; Gaps 4;

Matches	939;	Conservative	0;	Mismatches	34;	Indels	5;	Gaps	4;
QY	50	CAGTGACCATGAAGSCTGTGCTGTGCTTGCCTTGTGATGGCAGGCTTGGCCCTGCAGCCAG	109						
Db	10	CAGTGACCATGAAGSCTGTGCTGTGCTTGCCTTGTGATGGCAGGCTTGGCCCTGCAGCCAG	69						
QY	110	GCACGTGCCCTGCTGTGCTACTCTCTGCAAAAGCCAGGTAGAGCAACGAGACTGCTCGAGG	169						
Db	70	GCACGTGCCCTGCTGTGCTACTCTCTGCAAAAGCCAGGTAGAGCAACGAGACTGCTCGAGG	129						
QY	170	TGGAGAACTGCACCCAGCTGGGGAGCAGTGTGACCGCGCGCATCCGGCAGCTTCGGCCTG	229						
Db	130	TGGAGAACTGCACCCAGCTGGGGAGCAGTGTGACCGCGCGCATCCGGCAGCTTCGGCCTG	189						
QY	230	TCCTGACCGTCAATCAGCAAAAGGCTGACGCTTGAACCTGCGTGGATGACTCAACAGACTACT	289						
Db	190	TCCTGACCGTCAATCAGCAAAAGGCTGACGCTTGAACCTGCGTGGATGACTCAACAGACTACT	249						
QY	290	ACGTGGGCAAGAAACATCAGCTGCTGTGACCGGACTTGTGCAACGCGCAGCGGGGCC	349						
Db	250	ACGTGGGCAAGAAACATCAGCTGCTGTGACCGGACTTGTGCAACGCGCAGCGGGGCC	309						
QY	350	ATGCCCTGCAGCCGGCTGCCGCCATCCTTGGCGTCTCCTCTGCACTGGGCTGTGCTCT	409						
Db	310	ATGCCCTGCAGCCGGCTGCCGCCATCCTTGGCGTCTCCTCTGCACTGGGCTGTGCTCT	369						
QY	410	GGGACCCGGCCAGCTATAGCTCTGGGGGCCCGCTGACGCCCACTATGGGTGTGGT	469						
Db	370	GGGACCCGGCCAGCTATAGCTCTGGGGGCCCGCTGACGCCCACTATGGGTGTGGT	429						
QY	470	CCCCAGGCTCTGTGCCACTCCTCACAG-ACCTGGCCCACTGGGAGGCTGTCTGGTTCC	528						
Db	430	CCCCAGGCTTGTGGCCACTCCTCACAGAACTGGGCCAGTGGAGGCTGTCTGGTTCC	489						
QY	529	TGAGGCATCTTAACGGAAGCTTGACATGTAATGTGTGACCCCTGTCCCC-ACCCT	586						
Db	490	TGAGGCATCTTAACGGAAGTGTGACATGTAATGTGTGACCCCTTTCGCCNAAACCT	549						
QY	587	GACCTTCCCAT-GGCCCTCTCCAGACTCCACCCGGCAGATCAGCTCTAGTGACACAGA	645						
Db	550	GACCTTCCCATGGSCCTTTCAGATTCNACNCGCAGATCAGTTTGTAGTGANACANA	609						
QY	646	TCGCCCTGCAAGATGCCCTCTCCAAACCTCTCTGCTGCTGTTCATGGCCCAAGCATCTC	705						
Db	610	TCGCCNTGCAATGGCCCTTCCAAACCTTNTGTGTGNTGTTCATGGCCCAAGCATTTTC	669						
QY	706	CACCTTAAACCTGTGCTCAGGCACTCTTCCCCCAAGAGCTTCCTTGGCCCAACCCAT	765						
Db	670	CACCTTAAACCTGTGTTCAGGCACTTNTTCCCCCAAGAGCTTCCTTGGCCCAACCCAT	729						
QY	766	CTATGACTTGAGCCAGTCTGGTCCGTGGTGTCCCCCGCACCCAGCAGGGGACAGGCAT	825						
Db	730	TTATGAATTGAGCCAGGTTTGGTCCGTGGTGTCCCCCGCACCCAGCAGGGGACAGGCAT	789						
QY	826	CAGGAGGGCCAGTAAGGCTGAGATGAAGTGGACTGAGTAGAATCTGGAGGACAAAGATC	885						
Db	790	CAGGAGGGCCAGTAAAGGCTGAGATGAAGTGGACTGAGTAGAATCTGGAGGACAAAGAT	849						
QY	886	GACGTGAGTTCTCGGAGTCTCCAGAGATGGGGCTGGAGGCTTGGAGGAAGGGCCAGG	945						
Db	850	GACGTGAGTTCTCGGAGTCTCCAGAGATGGGGCTTGGAGGCTTGGAGGAAGGGCCAGG	909						
QY	946	CCTCACATCTGTGGGGTCTCCTGAATGGCAGCTTGAGCACAGCGTGTAGGCTTTAATAAC	1005						
Db	910	CCTCACATTTGTGGGNTCC-GAATGGCAGCTTGAGCACAGCGTGTAGGCTTTAATAAC	968						
QY	1006	ACCTGTTGGATAGCCCA 1023							
Db	969	ACCTGTTGGATAGCCCA 986							

RESULT 9
RES-09-038-261A-1

110 GCACGCTGCTGCTGCTACTCCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGG 169
120 GCACGCTGCTGCTGCTGCTACTCCTGCAAGCCAGGTGAGCAACGAGGACTGCTGCAGG 129
170 TGGAGAACTGCACCCAGCTGGGGGAGCAGTGTGACCGCGGCGATCCCGCAGTTGGCC 229
180 TGGAGAACTGCACCCAGCTGGGGGAGCAGTGTGACCGCGGCGATCCCGCAGTTGGCC 189
230 TCTGACCTGATCAGCAAAAGGCTGAGCTTGAATGCGTGTGATGATCAGAGGACTACT 289
240 TCTGACCTGATCAGCAAAAGGCTGAGCTTGAATGCGTGTGATGATCAGAGGACTACT 249
290 AGTGGGCAAGAGAACATCAGTGTGACACGACCTGTGCAACGCGCAGCGGGGCC 349
300 AGTGGGCAAGAGAACATCAGTGTGACACGACCTGTGCAACGCGCAGCGGGGCC 309
350 ATGCGCTGACGCGGCTGCGGCGATCCTTGGCTGCTGCTGCTGCTGCTGCTGCTGCT 409
360 ATGCGCTGACGCGGCTGCGGCGATCCTTGGCTGCTGCTGCTGCTGCTGCTGCTGCT 369
410 GGGGACCGCGCAGCTATAGGCTTGGGGGCGCGCGCTGCGAGCCACACTGGGTGTGGT 469
420 GGGGACCGCGCAGCTATAGGCTTGGGGGCGCGCGCTGCGAGCCACACTGGGTGTGGT 429
470 CCCAGGCTGCTGCGCCTCCTCAGACGCTGCGGCGCGCTGCGAGCCACACTGGGTGTGGT 528
480 CCCAGGCTGCTGCGCCTCCTCAGACGCTGCGGCGCGCTGCGAGCCACACTGGGTGTGGT 489
529 TGAGGACACCTCCTAAGCAAGTGTGACCATGTATGTCTGACCCCTGTGCTGCTGCT 586
530 TGAGGACACCTCCTAAGCAAGTGTGACCATGTATGTCTGACCCCTGTGCTGCTGCT 549
587 GACCTCCCAT-GGCCCTCTCAGGACTCCACCGCGCAGATCAGTCTAGTACACAGA 645
590 GACCTCCCATGCGGCTTTTCCAGGATTCNACCGCGCAGATCAGTCTAGTACACANA 609
646 TCGGCTGAGAGTGGCGGCTTCCAGGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 705
650 TCGGCTGAGAGTGGCGGCTTCCAGGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 669
706 CACCTTAAACCTGCTGAGGACCTCTTCCCGGAGGAGCTTCCCTGCTGCTGCTGCTGCT 765
710 CACCTTAAACCTGCTGAGGACCTCTTCCCGGAGGAGCTTCCCTGCTGCTGCTGCTGCT 729
766 CTATGACTGAGCAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 825
730 TTATGAATTTAGGACAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 789
826 CAGGAGGCGGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGAAGGCTGAG 885
790 CAGGAGGCGGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGAAGGCTGAG 849
886 GACGTGAGTCTTGGGAGTCTCAGAGATGGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGG 945
850 GACGTGAGTCTTGGGAGTCTCAGAGATGGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGG 909
946 CCTCAGTCTGTTGGGCTGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGA 1005
910 CCTCAGTCTGTTGGGCTGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGAAGGCTGAGTGA 968
1006 ACCTGTTGGATAGCCCA 1023
969 ACCTGTTGGATAGCCCA 986

RESULT 12
US-09-855-632-1
; Sequence 1, Application US/09855632
; Patent No. 6790939
; GENERAL INFORMATION:
; APPLICANT: Reiter, Robert E.
; APPLICANT: Witte, Owen N.
; APPLICANT: Saffran, Douglas C.

1 TITLE OF INVENTION: PSMA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
2 FILE REFERENCE: 30435-54US14
3 CURRENT APPLICATION NUMBER: US/09/855,632
4 CURRENT FILING DATE: 2001-05-14
5 PRIOR APPLICATION NUMBER: 09/564,329
6 PRIOR FILING DATE: 2000-05-03
7 PRIOR APPLICATION NUMBER: 09/359,326
8 PRIOR FILING DATE: 1999-07-20
9 PRIOR APPLICATION NUMBER: 08/814,279
10 PRIOR FILING DATE: 1997-03-10
11 PRIOR APPLICATION NUMBER: 60/071,141
12 PRIOR FILING DATE: 1998-01-12
13 PRIOR APPLICATION NUMBER: 60/074,675
14 PRIOR FILING DATE: 1998-02-13
15 PRIOR APPLICATION NUMBER: 60/113,230
16 PRIOR FILING DATE: 1998-12-21
17 PRIOR APPLICATION NUMBER: 60/120,536
18 PRIOR FILING DATE: 1999-02-17
19 PRIOR APPLICATION NUMBER: 60/124,658
20 PRIOR FILING DATE: 1999-03-16
21 PRIOR APPLICATION NUMBER: 09/038,261
22 PRIOR FILING DATE: 1998-03-10
23 PRIOR APPLICATION NUMBER: 09/203,939
24 PRIOR FILING DATE: 1998-12-02
25 PRIOR APPLICATION NUMBER: 09/251,835
26 PRIOR FILING DATE: 1999-02-17
27 PRIOR APPLICATION NUMBER: 09/308,503
28 PRIOR FILING DATE: 1999-05-25
29 NUMBER OF SEQ ID NOS: 27
30 SOFTWARE: Patent in Ver. 2.0
31 SEQ ID NO 1
32 LENGTH: 998
33 TYPE: DNA
34 ORGANISM: HUMAN PSMA (hPSCA)
35 NAME/KEY: misc feature
36 LOCATION: (543)
37 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
38 NAME/KEY: misc feature
39 LOCATION: (580)
40 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
41 NAME/KEY: misc feature
42 LOCATION: (584)
43 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
44 NAME/KEY: misc feature
45 LOCATION: (604)
46 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
47 NAME/KEY: misc feature
48 LOCATION: (608)
49 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
50 NAME/KEY: misc feature
51 LOCATION: (615)
52 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
53 NAME/KEY: misc feature
54 LOCATION: (636)
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56 NAME/KEY: misc feature
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59 NAME/KEY: misc feature
60 LOCATION: (646)
61 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
62 NAME/KEY: misc feature
63 LOCATION: (697)
64 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
65 NAME/KEY: misc feature
66 LOCATION: (926)
67 OTHER INFORMATION: any nucleotide (i.e., a, c, g or t)
68 US-09-855-632-1

Query Match 86.0% Score 879.6; DB 4; Length 998;
Best Local Similarity 96.0%; Pred. No. 5.4e-210;
Matches 939; Conservative 0; Mismatches 34; Indels 5; Gaps 4;

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QY 50 CAGTGACCATGAAGGCTGTGCTGCTTGGCCCTGTGATGCGCAGGCTTGGCCCTGCGAGCCAG 109
Db 10 CAGTGACCATGAAGGCTGTGCTGCTTGGCCCTGTGATGCGCAGGCTTGGCCCTGCGAGCCAG 69
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Db 70 GCAGTCCCTGTGCTGCTACTCTCTCAAAAGCCAGGTGAGCAACGAGGACTGCTGTCAGG 129
QY 170 TGGAGAACTGACCCAGCTGGGGGAGCAGTGTGACCGCGCGCATCCGCGAGTTGGCC 229
Db 130 TGGAGAACTGACCCAGCTGGGGGAGCAGTGTGACCGCGCGCATCCGCGAGTTGGCC 189
QY 230 TCTGACCGCTCATCAGCAAGGCTGCGAGCTTCAACTGCGTGGATGACTCACAGGACTACT 289
Db 190 TCTGACCGCTCATCAGCAAGGCTGCGAGCTTCAACTGCGTGGATGACTCACAGGACTACT 249
QY 290 ACGTGGGCAAGAGAACATCAGTGTGTGACACCGGACTTGTGCAACGCGCAGCGGGGCC 349
Db 250 ACGTGGGCAAGAGAACATCAGTGTGTGACACCGGACTTGTGCAACGCGCAGCGGGGCC 309
QY 350 ATGCGCTGAGCGGCTGGCGGCATCTTGGCGTGTCTCTGCACTGCGGCTGTGCTCT 409
Db 310 ATGCGCTGAGCGGCTGGCGGCATCTTGGCGTGTCTCTGCACTGCGGCTGTGCTCT 369
QY 410 GGGGACCGCGCAGCTATAGGCTCTGGGGGGCCCGCTGCGAGCCACACTGGGTGTGGTG 469
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QY 470 CCCAGGCTCTGTGCCACTCTCTCAG-ACCTGGCCAGTGGGAGCCCTGCTGCTGTTCC 528
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QY 646 TCCGCTCAGATGCGCCCTCCAAACCTCTCTGCTGTGTTTCCATGCGCCAGCATTCCT 705
Db 610 TCCGCTCAGATGCGCCCTCCAAACCTTNTGTTGTTTCCATGCGCCAGCATTCCT 669
QY 706 CACCTTAAACCTGTGCTCAGGACCTCTTCCCGCAGGAAGCTTCCCTGCCACCCCAT 765
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QY 766 CTATGACTTGAGCCAGGTCTGTGCGTGTGTCCTCCCGCAGCAGCGGACAGGCACT 825
Db 730 TTATGAATTTAGCCAGGTTTGGTCCGTGTGTCCCGCAGCAGCGGACAGGCAAT 789
QY 826 CAGGAGGCGCCAGTAAAGGCTGAGATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 885
Db 790 CAGGAGGCGCCAGTAAAGGCTGAGATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 849
QY 886 GACGTGAGTTCTGGAGTCTCCAGAGATGGGGCTTGGAGGCTTGGAGAGAGGCGCAGG 945
Db 850 GACGTGAGTTCTGGAGTCTCCAGAGATGGGGCTTGGAGGCTTGGAGAGAGGCGCAGG 909
QY 946 CTTACATTTCTGGGGCTTCCCTGAATGCGAGCTGAGCAGCGTAGGCGCTTAAATAAC 1005
Db 910 CTTACATTTCTGGGGCTTCC-GAATGCGAGCTGAGCAGCGTAGGCGCTTAAATAAC 968
QY 1006 ACCTGTTGATAAGCCCA 1023
Db 969 ACCTGTTGATAAGCCAA 986

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RESULT 13

US-08-675-508-4

; Sequence 4, Application US/08675508

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; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PR-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 494 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: SCAH-2
; CLONE:
; US-08-675-508-4

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Query Match 44.1%; Score 451.4; DB 2; Length 494;
Best Local Similarity 97.8%; Pred. No. 2.3e-103;
Matches 483; Conservative 5; Mismatches 2; Indels 4; Gaps 3;

QY 52 GTGACCATGAAGGCTGTGCTGCTTGGCCCTGTGATGCGCAGGCTTGGCCCTGCGAGCCAGC 111
Db 1 GTGACCATGAAGGCTGTGCTGCTTGGCCCTGTGATGCGCAGGCTTGGCCCTGCGAGCCAGC 60
QY 112 ACTGCCCTGTGCTGCTACTCTCTGCAAAAGCCAGGTGAGCAACGAGGACTGCTGTCAGG 171
Db 61 ACTGCCCTGTGCTGCTACTCTCTGCAAAAGCCAGGTGAGCAACGAGGACTGCTGTCAGG 120
QY 172 GAGAACTGACCCAGCTGGGGGAGCAGTGTGAGCCGCGCATCCGCGCAGTGTGGCCTC 231
Db 121 GAGAACTGACCCAGCTGGGGGAGCAGTGTGAGCCGCGCATCCGCGCAGTGTGGCCTC 180
QY 232 CTGACCGCTCATCAGCAAGGCTGAGCTTGAACCTGCGTGGATGACTCAGAGCTACTAC 291
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QY 292 GTGGCAAGAGAAACATCAGCTGTGTGACACCGACTTGTGCAACGCGGCGGCCCAT 351
Db 241 GTGGCAAGAGAAACATCAGCTGTGTGACACCGACTTGTGCAACGCGGCGGCCCAT 300
QY 352 GCCCTGAGCGCGGTGCGGCCATCTTTGCGTGTCTCCCTGCACTCGGCTGCTGCTGTGG 411
Db 301 GCCCTGAGCGCGGTGCGGCCATCTTTGCGTGTCTCCCTGCACTCGGCTGCTGCTGTGG 360
QY 412 GGACCGCGCAGCTATAGGCTCTGGGGGGCCCGCTGAGGCCACACTGGGTGTGGTCC 471
Db 361 GGACCGCGCAGCTATAGGCTCTGGGGGGCCCGCTGAGGCCACACTGGGTGTGGTCC 420
QY 472 CC-AGGCTGTGTCCTCCTCAGACCTT-GGCCAGTGGAGCCTG--TCCTGGTTC 527

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Db 421 CCAGGCTCTCTGCACTCTCTMACAGACCTGGGCCAGTGGAGSCTGTCTCTGTTG 480

QY 528 CTGAGGCACATCT 541
Db 481 CTGAGGCACATCT 494

RESULT 14
US-09-513-999C-610
; Sequence 610, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 610
; LENGTH: 373
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: CDS
; LOCATION: 109..372
; FEATURE:
; NAME/KEY: sig_peptide
; LOCATION: 109..153
; OTHER INFORMATION: score 7.5
; OTHER INFORMATION: seq AVALLMAGLAL/QP
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 71
; OTHER INFORMATION: n=a, g, c o r t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 72
; OTHER INFORMATION: n=a, g, c o r t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 188
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 189
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 199
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; NAME/KEY: misc_feature
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; NAME/KEY: UNSURE
; LOCATION: 58
; OTHER INFORMATION: Xaa=Asp or His
; US-09-513-999C-610

Query Match 29.8%; Score 304.8; DB 4; Length 373;
Best Local Similarity 97.5%; Pred. No. 7.4e-67;
Matches 314; Conservative 4; Mismatches 3; Indels 1; Gaps 1;
QY 1 CATTTGAGGCCATATAAAAGTCACCTGAGGCCCTCTCCACACAGCCACAGTGCATG 60
Db 53 CATTTGAGGCCATATAAA-NNACCTGAGGCCCTCTCCACACAGCCACAGTGCATG 111
QY 61 AAGGCTGTGCTCTTGCCTCTGTGATGAGCAGGCTTGGCCCTGAGCCAGGCACTGCCCTG 120
Db 112 AAGGCTGTGCTCTTGCCTCTGTGATGAGCAGGCTTGGCCCTGAGCCAGGCACTGCCCTG 171
QY 121 CTGTGCTACTCTGCAAAAGCCAGGTGAGCAAGAGGACTGCTGCAGGTGAGAACTGC 180
Db 172 CTGTGCTACTCTGGAAGCCAGGTGAGCAAGAGGACTGCTGCAGGTGAGAACTGC 231
QY 181 ACCAGCTGGGGAGCAGTGTGGACCGCGCATCCGCGCAGTTGGCTCTCTGACCGTC 240
Db 232 ACCAGCTGGGGAGCAGTGTGGACCGCGCATCCGCGCAGTTGGCTCTCTGACCGTC 291
QY 241 ATCAGCAAGGCTGAGCTTGAACCTGCTGGATGATGATGATGATGATGATGATGATG 300
Db 292 ATCAGCAAGGCTGAGCTTGAACCTGCTGGATGATGATGATGATGATGATGATGATG 351
QY 301 AAGAACATCAGCTGCTGTGACA 322
Db 352 AAGAACATCAGCTGCTGTGACA 373

RESULT 15
US-08-675-508-23
; Sequence 23, Application US/08675508
; Patent No. 5856136
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; TITLE OF INVENTION: NOVEL HUMAN STEM CELL ANTIGENS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-Seq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,508
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0066 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; LIBRARY: BLADTUT02
; CLONE: 1312529
; US-08-675-508-23

Query Match 27.8%; Score 284; DB 2; Length 288;

Best Local Similarity 100.0%; Pred. No. 1e-61;
Matches 284; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY	172	GAGAACTGCACCCAGCTGGGGGAGCAGTGTGACCGCGCGCATCCGCGCAGTTGGCCTC	231
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QY	232	CTGACCGTCTATCAGCAAGGCTGCAGCTTGAATGCGTGGATGACTCAGGACTACTAC	291
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Job time : 103.5 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: October 23, 2004, 13:16:19 ; Search time 546 Seconds
(without alignments)
9600.314 Million cell updates/sec

Title: US-09-080-140-12

Perfect score: 1023

Sequence: 1 CATTTGAGGCATATAAAGT.....ACACCTGTTGGATAAGCCCA 1023

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 3407233 seqs, 2561960514 residues

Total number of hits satisfying chosen parameters: 6814466

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Published Applications NA:*

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21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1023	100.0	1023	11	US-09-080-140-12
3	1010.4	98.8	1028	15	US-10-252-157-273
4	953.4	93.2	960	9	US-09-909-320-17
5	953.4	93.2	960	9	US-09-909-088B-17
6	953.4	93.2	960	9	US-09-905-291A-17
7	953.4	93.2	960	9	US-09-902-853-17
8	953.4	93.2	960	9	US-09-907-824-17
9	953.4	93.2	960	9	US-09-907-841-17
10	953.4	93.2	960	10	US-09-904-011-17
11	953.4	93.2	960	10	US-09-903-640-17
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14	953.4	93.2	960	10	US-09-906-838-17	Sequence 17, Appl
15	953.4	93.2	960	10	US-09-907-613-17	Sequence 17, Appl
16	953.4	93.2	960	10	US-09-907-942-17	Sequence 17, Appl
17	953.4	93.2	960	10	US-09-904-859-17	Sequence 17, Appl
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21	953.4	93.2	960	10	US-09-906-646-17	Sequence 17, Appl
22	953.4	93.2	960	10	US-09-906-700-17	Sequence 17, Appl
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37	953.4	93.2	960	10	US-09-904-553-17	Sequence 17, Appl
38	953.4	93.2	960	10	US-09-905-381-17	Sequence 17, Appl
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41	953.4	93.2	960	10	US-09-905-088-17	Sequence 17, Appl
42	953.4	93.2	960	10	US-09-907-575-17	Sequence 17, Appl
43	953.4	93.2	960	10	US-09-905-075-17	Sequence 17, Appl
44	953.4	93.2	960	10	US-09-902-759-17	Sequence 17, Appl
45	953.4	93.2	960	10	US-09-902-634-17	Sequence 17, Appl

ALIGNMENTS

RESULT 1

US-09-080-140-11

; Sequence 11, Application US/09080140

; Publication No. US20040018553A1

; GENERAL INFORMATION:

; APPLICANT: BILLING-MEDEL, PATRICIA

; APPLICANT: COHEN, MAURICE

; APPLICANT: COLPITTS, TRACEY L.

; APPLICANT: FRIEDMAN, PAULA N.

; APPLICANT: GORDON, JULIAN

; APPLICANT: GRANADOS, EDWARD N.

; APPLICANT: HODGES, STEVEN C.

; APPLICANT: KLASS, MICHAEL R.

; APPLICANT: KRATOCHVIL, JON D.

; APPLICANT: ROBERTS-RAPP, LISA

; APPLICANT: RUSSELL, JOHN C.

; APPLICANT: STROUPE, STEPHEN D.

; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE

; NUMBER OF SEQUENCES: 31

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Abbott Laboratories

; STREET: 100 Abbott Park Road

; CITY: Abbott Park

; STATE: IL

; COUNTRY: USA

; ZIP: 60064-3500

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/080.140

; FILING DATE:

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Db 721 TGCTCAGGACACTTCTCCCGCAGGAGCCTTCCCTGCCACCCCATCTATGACTTGAGCC 780
QY 780 AGGCTGTGTCGTGGTGTCTCCCGCAGGAGCCTTCCCTGCCACCCCATCTATGACTTGAGCC 839
Db 781 AGGCTGTGTCGTGGTGTCTCCCGCAGGAGCCTTCCCTGCCACCCCATCTATGACTTGAGCC 840
QY 840 AAAGCTGAGATCAAGTGAGTCACTGAGTAACTGGAGGACAAGATCGAGTTCCTG 899
Db 841 AAAGCTGAGATCAAGTGAGTCACTGAGTAACTGGAGGACAAGATCGAGTTCCTG 900
QY 900 GGAGTCTCCAGAGATGGGGCCTGGAGGCTTGAGGAGGAGGGCCAGGCTTCACTTCGTGG 959
Db 901 GGAGTCTCCAGAGATGGGGCCTGGAGGCTTGAGGAGGAGGGCCAGGCTTCACTTCGTGG 960
QY 960 GGCTCCCTGAATGGCAGCTGAGCAGCAGAGCTAGGCTTTAATAAACACCTTTGGATAAG 1019
Db 961 GGCTCCCTGAATGGCAGCTGAGCAGCAGAGCTAGGCTTTAATAAACACCTTTGGATAAG 1020
QY 1020 CCAA 1023
Db 1021 CCAA 1024

RESULT 4

US-09-909-320-17
; Sequence 17, Application US/09909320
; Patent No. US20020132240A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavich, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,320
; CURRENT FILING DATE: 2002-01-04

; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-320-17

Query Match 93.2%; Score 953.4; DB 9; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.9e-258;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 69 GCTGCTTGCCTGTGATGGCAGGCTTGGCCCTGACGAGCAGTGGCCCTGCTGTGCTA 128
Db 1 GCTGCTTGCCTGTGATGGCAGGCTTGGCCCTGACGAGCAGTGGCCCTGCTGTGCTA 60
QY 129 CTCCTGCAAGCCCAAGGTGAGCAACGAGGACTGCTTGCAGGTGGAGACTGCACCCAGCT 188
Db 61 CTCCTGCAAGCCCAAGGTGAGCAACGAGGACTGCTTGCAGGTGGAGACTGCACCCAGCT 120
QY 189 GGGGAGCAGTGTGGACCGCGCGCATCCGCGAGTTGGCCCTCTTCAACGCTCATCAGAA 248
Db 121 GGGGAGCAGTGTGGACCGCGCGCATCCGCGAGTTGGCCCTCTTCAACGCTCATCAGAA 180
QY 249 AGGCTGACGTTGAATGGTGGATGACTCAGAGACTACTACTGCTGGGCAAGAGACAT 308
Db 181 AGGCTGACGTTGAATGGTGGATGACTCAGAGACTACTACTGCTGGGCAAGAGACAT 240
QY 309 CACGTGCTGTGACACCGACTTGTGCAAGCCAGCGGGGCCCATGCCCTCAGCCGCTGC 368
Db 241 CACGTGCTGTGACACCGACTTGTGCAAGCCAGCGGGGCCCATGCCCTCAGCCGCTGC 300
QY 369 CGCCATCCTTGCCTGCTCCCTGCACTCGGCTGTGCTTCTGGGACCCGCGCAGCTATA 428
Db 301 CGCCATCCTTGCCTGCTCCCTGCACTCGGCTGTGCTTCTGGGACCCGCGCAGCTATA 360
QY 429 GGCTCTGGGGGCCCCGGTGCAGCCACACTGGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 488
Db 361 GGCTCTGGGGGCCCCGGTGCAGCCACACTGGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 420

Qy	489	TCCTCACAGACTGGCCGACGTGGAGCCTGTCTCTGTCTCCTGAGGCACATCTTAACGCAA	548
Db	421	TCCTCACAGACTGGCCGACGTGGAGCCTGTCTCTGTCTCCTGAGGCACATCTTAACGCAA	480
Qy	549	GTCGACCATGATGTCGACCCCTGTCTCCCAACCTGACCGTCCCATGGCCCTCTCCA	608
Db	481	GTCGACCATGATGTCGACCCCTGTCTCCCAACCTGACCGTCCCATGGCCCTCTCCA	540
Qy	609	GGACTCCCAACCCGGCAGATCAGCTCTAGTGACACAGATCCGGCTGCAGATGCCCTCCA	668
Db	541	GGACTCCCAACCCGGCAGATCAGCTCTAGTGACACAGATCCGGCTGCAGATGCCCTCCA	600
Qy	669	ACCTCTCTGTCTGTTTCCATGGCCGACGATTTCTCCACCTTAACCTGTGCTCAGGC	728
Db	601	ACCTCTCTGTCTGTTTCCATGGCCGACGATTTCTCCACCTTAACCTGTGCTCAGGC	660
Qy	729	ACCTCTTCCCCAGGAAGCCTTCCCTGCCACCCCATCTATGACTTGAGCCAGGTCTGT	788
Db	661	ACCTCTTCCCCAGGAAGCCTTCCCTGCCACCCCATCTATGACTTGAGCCAGGTCTGT	720
Qy	789	CCGTGGTCTCCCCGACCCAGCAGGGGACAGGCACCTCAGAGGGGCCCATGAAGGCTGA	848
Db	721	CCGTGGTCTCCCCGACCCAGCAGGGGACAGGCACCTCAGAGGGGCCCATGAAGGCTGA	780
Qy	849	GATGAAGTGGACTGAGTAGAACTGGAGGACAAAGACTCGACGTGAGTTCTCTGGAGTCTCC	908
Db	781	GATCAAGTGGACTGAGTAGAACTGGAGGACAAAGACTCGACGTGAGTTCTCTGGAGTCTCC	840
Qy	909	AGAGATGGGGCCTGGAGCCTTGGAGGAAGGGGCCAGGCCTCACATTCGTGGGGCTCCCTG	968
Db	841	AGAGATGGGGCCTGGAGCCTTGGAGGAAGGGGCCAGGCCTCACATTCGTGGGGCTCCCTG	900
Qy	969	AATGGCAGCCTGACACAGCGTAGGCCCTTAATAAACAACCTGTGTGGATAAGCCCA	1023
Db	901	AATGGCAGCCTGACACAGCGTAGGCCCTTAATAAACAACCTGTGTGGATAAGCCCA	955

RESULT 5

US-09-909-088B-17
; Sequence 17, Application US/09909088B
; Patent No. US20020146709A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,088B
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414

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; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-098B-17

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Query Match	93.2%;	Score 953.4;	DB 9;	Length 960;
Best Local Similarity	99.9%;	Pred. No. 2.9e-258;		
Matches 954;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	69	GCTGCTTGGCCCTGTTGATGCGAGCGTTGGCCCTCAGCCAGGCGACTGCCCTGCTGTGCTA	128	
Db	1	GCTGCTTGGCCCTGTTGATGCGAGCGTTGGCCCTCAGCCAGGCGACTGCCCTGCTGTGCTA	60	
QY	129	CTCTCTGCAAGCCCGAGTGAGCAACGAGGACTGCTCTCAGGTGGAGAACTGCACCCAGCT	188	
Db	61	CTCTCTGCAAGCCCGAGTGAGCAACGAGGACTGCTCTCAGGTGGAGAACTGCACCCAGCT	120	
QY	189	GGGGGACAGTGTGGACCGCGCGCATCCGCGAGTTGGCTCTCTGACCGTCAACAGAA	248	
Db	121	GGGGGACAGTGTGGACCGCGCGCATCCGCGAGTTGGCTCTCTGACCGTCAACAGAA	180	
QY	249	AGGCTGAGCTTGAACCTGCGTGATGACTCACAGGACTACTACGTGGGCAAGAGAAACAT	308	
Db	181	AGGCTGAGCTTGAACCTGCGTGGATGACTCACAGGACTACTACGTGGGCAAGAGAAACAT	240	
QY	309	CACGTGCTGTGACACCGACTTTGTCAACGCCAGCGGGGCCCATGCCCTGACGCGGCTGC	368	
Db	241	CACGTGCTGTGACACCGACTTTGTCAACGCCAGCGGGGCCCATGCCCTGACGCGGCTGC	300	
QY	369	CGGCATCTTTGCGCTGCTCCCTGCATCGCGCTGCTGCTCTGGGGACCCGGCCAGCTATA	428	
Db	301	CGGCATCTTTGCGCTGCTCCCTGCATCGCGCTGCTGCTCTGGGGACCCGGCCAGCTATA	360	
QY	429	GGCTCTGGGGGGCCCGCTGCGAGCCACACTGGGTGTGTGTCGCCCAGGCGCTCTGTGCCAC	488	
Db	361	GGCTCTGGGGGGCCCGCTGCGAGCCACACTGGGTGTGTGTCGCCCAGGCGCTCTGTGCCAC	420	
QY	489	TCTCTACAGACCTGGGCCCAAGTGGGAGCGCTGTCTGTGTTCTGTAGGCAACATCTTAACGAA	548	

Db 421 TCCTCACAGACCTGGCCAGTGGAGCCTGTCTCTGTCTCTAGGACACATCTTAAGCAA 480
QY 549 GTCTGACCATGTATGTCTGACCCCTGTCTCCACACCTGACCTCCATGGCCCTCTCCA 608
Db 481 GTCTGACCATGTATGTCTGACCCCTGTCTCCACACCTGACCTCCATGGCCCTCTCCA 540
QY 609 GGACTCCCAACCCGGCAGATCAGCTCTAGTGACACAGATCGGCTGCAGATGGCCCTCCA 668
Db 541 GGACTCCCAACCCGGCAGATCAGCTCTAGTGACACAGATCGGCTGCAGATGGCCCTCCA 600
QY 669 ACCCTCTCTGCTGTCTTTCCATGTCGCCCAAGATTTCCACCCCTTAACCTGTGCTCAGGC 728
Db 601 ACCCTCTCTGCTGTCTTTCCATGTCGCCCAAGATTTCCACCCCTTAACCTGTGCTCAGGC 660
QY 729 ACCTCTTCCCCAGGAGCCTTCCCTGTCGCCCAAGATTTCCACCCCTTAACCTGTGCTCAGGC 788
Db 661 ACCTCTTCCCCAGGAGCCTTCCCTGTCGCCCAAGATTTCCACCCCTTAACCTGTGCTCAGGC 720
QY 789 CCGTGTGTCTCCCCGACCCAGCAGGGGACAGGCACTCAGGAGGGGCCAGTAAAGGCTCA 848
Db 721 CCGTGTGTCTCCCCGACCCAGCAGGGGACAGGCACTCAGGAGGGGCCAGTAAAGGCTCA 780
QY 849 GATGAAGTGAGTGTAGTAGAACTGGAGGACAAAGAGTCGACGTGAGTTCCTGGAGTCTCC 908
Db 781 GATGAAGTGAGTGTAGTAGAACTGGAGGACAAAGAGTCGACGTGAGTTCCTGGAGTCTCC 840
QY 909 AGAGATGGGGCTGGAGGCTGGAGGAAGGGCCAGGCTCATTCTGTTGGGGTCCCTG 968
Db 841 AGAGATGGGGCTGGAGGCTGGAGGAAGGGCCAGGCTCATTCTGTTGGGGTCCCTG 900
QY 969 AATGGCAGCTTGAGCAGCAGCTAGGCGCTTAATAACACCTGTGTGATAAGCCCA 1023
Db 901 AATGGCAGCTTGAGCAGCAGCTAGGCGCTTAATAACACCTGTGTGATAAGCCCA 955

RESULT 7

US-09-902-853-17
; Sequence 17, Application US/09902853
; Publication No. US20020192659A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-853-17

Query Match 93.2%; Score 953.4; DB 9; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.9e-258;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 69 GCTGCTTGCCTGTGTGATGGCAGGCTGGCCCTGCAGCCAGGAGTGCCTGCTGCTA 128
Db 1 GCTGCTTGCCTGTGTGATGGCAGGCTGGCCCTGCAGCCAGGAGTGCCTGCTGCTA 60
QY 129 CTCCTGCAAAAGCCAGGTGAGCAAGAGGAGTGCCTGCAGGTGGAGAACTGCACCCAGCT 188
Db 61 CTCCTGCAAAAGCCAGGTGAGCAAGAGGAGTGCCTGCAGGTGGAGAACTGCACCCAGCT 120
QY 189 GGGGAGCAGTGTCTGGACCGCGCGCATCCGCGAGTGGCTCTCTGACCGTCAAGCAA 248
Db 121 GGGGAGCAGTGTCTGGACCGCGCGCATCCGCGAGTGGCTCTCTGACCGTCAAGCAA 180
QY 249 AGGCTGACGTGAACTCGGTGGATCTCAAGAGTACTACGTGGGCGCAAGAACAT 308
Db 181 AGGCTGACGTGAACTCGGTGGATCTCAAGAGTACTACGTGGGCGCAAGAACAT 240
QY 309 CACGTGCTGTGACACCGACTTGTGCAACCGCAGCGGGGCCCATGCTGCAGCCGGCTGC 368
Db 241 CACGTGCTGTGACACCGACTTGTGCAACCGCAGCGGGGCCCATGCTGCAGCCGGCTGC 300
QY 369 CGCATCTTGGCTGTCTCCCTGCACTCGGCTGTGTCTGGGAGCCCGGCGAGCTATA 428
Db 301 CGCATCTTGGCTGTCTCCCTGCACTCGGCTGTGTCTGGGAGCCCGGCGAGCTATA 360
QY 429 GGCTCTGGGGGGCCCGCTGCAGCCACACTGGGTGTGTGTCGCCAGGCTCTGTGCCAC 488
Db 361 GGCTCTGGGGGGCCCGCTGCAGCCACACTGGGTGTGTGTCGCCAGGCTCTGTGCCAC 420
QY 489 TCCTCACAGACTGGCCAGTGGGAGCTGTCTGGTTTCCTGAGGCACATCTTAAGCAA 548
Db 421 TCCTCACAGACTGGCCAGTGGGAGCTGTCTGGTTTCCTGAGGCACATCTTAAGCAA 480

QY 549 GTCTGACCATGTATGTCTGACCCCTGTCTCCACCCCTGACCTCCCTCCCTGCTCTCCA 608
Db 481 GTCTGACCATGTATGTCTGACCCCTGTCTCCACCCCTGACCTCCCTCCCTGCTCTCCA 540
QY 609 GGACTCCCAACCCCGGACATCAGCTCTAGTGACACAGATCCGCTGCAGATGGCCCCCTCCA 668
Db 541 GGACTCCCAACCCCGGACATCAGCTCTAGTGACACAGATCCGCTGCAGATGGCCCCCTCCA 600
QY 669 ACCTCTCTGTCTGTCTTCCATFAGGCGGACATTCACACCTTAACCTGTGCTCAGGC 728
Db 601 ACCTCTCTGTCTGTCTTCCATFAGGCGGACATTCACACCTTAACCTGTGCTCAGGC 660
QY 729 ACCTCTTCCCCAGGAAGCTTCCCTGCCACCCCATCTATGACTTGTAGCCAGGTCTGGT 788
Db 661 ACCTCTTCCCCAGGAAGCTTCCCTGCCACCCCATCTATGACTTGTAGCCAGGTCTGGT 720
QY 789 CCGTGTGTCTCCCGCACCCAGCAGGAGGACAGCACTCAGGAGGCGCCAGTAAGGCTGA 848
Db 721 CCGTGTGTCTCCCGCACCCAGCAGGAGGACAGCACTCAGGAGGCGCCAGTAAGGCTGA 780
QY 849 GATGAAGTGGACTGATGAAGTGGAGGACAGAGTGGAGTCTCTGGAGTCTCC 908
Db 781 GATGAAGTGGACTGATGAAGTGGAGGACAGAGTGGAGTCTCTGGAGTCTCC 840
QY 909 AGAGATGGGCGCTGGAGGCTGGAGGAAGGGCCAGGCTCACATTCTGTGGGCTCCCTG 968
Db 841 AGAGATGGGCGCTGGAGGCTGGAGGAAGGGCCAGGCTCACATTCTGTGGGCTCCCTG 900
QY 969 AATGGCAGCTGAGCACAGCAGTGGGCTTAAATAACACCTGTGTGATAAGCCCA 1023
Db 901 AATGGCAGCTGAGCACAGCAGTGGGCTTAAATAACACCTGTGTGATAAGCCCA 955

RESULT 8

US-09-907-824-17
; Sequence 17, Application US/09907824
; Publication No. US2002019761A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-907-824-17

Query Match 93.2%; Score 953.4; DB 9; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.9e-258;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 69 GCTGTTGCCCTGTTGATGCGCAGGCTTGGCCCTGACGAGGACACTGCGCTGTGCTGCTA 128
Db 1 GCTGTTGCCCTGTTGATGCGCAGGCTTGGCCCTGACGAGGACACTGCGCTGTGCTA 60
QY 129 CTCCTGCAAAAGCCCGAGGTGAGCAACGAGGACTGCTGCGAGGTGGAGAACTGCACCCAGCT 188
Db 61 CTCCTGCAAAAGCCCGAGGTGAGCAACGAGGACTGCTGCGAGGTGGAGAACTGCACCCAGCT 120
QY 189 GGGGAGCAGTGTGACCGCGCGGCATCGCGCAGTGTGGCTTCCCTGACCTCATCAGCA 248
Db 121 GGGGAGCAGTGTGACCGCGCGGCATCGCGCAGTGTGGCTTCCCTGACCTCATCAGCA 180
QY 249 AGGCTGACGCTTGAAGTGGTGGATGACCTCAGAGGACTACTACGTGGCAAGAGAACAT 308
Db 181 AGGCTGACGCTTGAAGTGGTGGATGACCTCAGAGGACTACTACGTGGCAAGAGAACAT 240
QY 309 CACGTGCTGTGACACCGACTTGTGCAACGCCACGCGGGGCCATGCCCCGTGAGCCGCTGC 368
Db 241 CACGTGCTGTGACACCGACTTGTGCAACGCCACGCGGGGCCATGCCCCGTGAGCCGCTGC 300
QY 369 CGCCATCTTGGCTGCTCCCTGCACTCGGCTGCTGCTGCTGCGGACCGCGCCAGCTATA 428
Db 301 CGCCATCTTGGCTGCTCCCTGCACTCGGCTGCTGCTGCTGCGGACCGCGCCAGCTATA 360
QY 429 GGCTCTGGGGGGCCCCCGCTGACGCCCACTGGGTGTGGTGGCCCAAGGCTCTGTGCCAC 488
Db 361 GGCTCTGGGGGGCCCCCGCTGACGCCCACTGGGTGTGGTGGCCCAAGGCTCTGTGCCAC 420
QY 489 TCTCTACAGACCTGGCCCGCAGTGGAGCCTGTCTGTGTTCTTCTGAGGCACTCTTAAGCAA 548

421	Db	TCCTCA CAGACCTGGCCAGGTGGAGCCTGTCTCTGGTTCTCTGAGGCA C ATCTAAAGCAA	480
549	QY	GTCTGACCATGTATGTCTGCACCCCTGTGCCCCACCCCTGCAGCCCTCCCATGGGCCCTCTCCA	608
481	Db	GTCTGACCATGTATGTCTGCACCCCTGTGCCCCACCCCTGCAGCCCTCCCATGGGCCCTCTCCA	540
609	QY	GGACTCCCA CCGG CAGATCAGCTCTAGTGCACAGATCCGGCTGCAGATGGCCCTCTCCA	668
541	Db	GGACTCCCA CCGG CAGATCAGCTCTAGTGCACAGATCCGGCTGCAGATGGCCCTCTCCA	600
669	QY	ACCTCTCTGTCTGTCTTTCCATGGCC C CAGCATTTCTCCACCCCTTAAACCTGTGCTCAGGC	728
601	Db	ACCTCTCTGTCTGTCTTTCCATGGCC C CAGCATTTCTCCACCCCTTAAACCTGTGCTCAGGC	660
729	QY	ACCTCTTCC C C CAGGAAGCCTTCCCTGCGCACC C CATCTATGACTGTGAC CAGTCTGTGT	788
661	Db	ACCTCTTCC C C CAGGAAGCCTTCCCTGCGCACC C CATCTATGACTGTGAC CAGTCTGTGT	720
789	QY	CCGTGTGTCTCC C C C CAGCAGG C C C CAGG C C C CAGGAGG C C C CAGTAAAG C C TGA	848
721	Db	CCGTGTGTCTCC C C C CAGCAGG C C C CAGG C C C CAGGAGG C C C CAGTAAAG C C TGA	780
849	QY	GATGAAGTGACTGAGTAGAACTGGAGGACAAAGATCGACGTGAGTTCTCTGGAGTCTCC	908
781	Db	GATGAAGTGACTGAGTAGAACTGGAGGACAAAGATCGACGTGAGTTCTCTGGAGTCTCC	840
909	QY	AGATATGGG C C C TGGAG C C C TGGAGGAAGG C C C CAGG C C C CACATTTCTGTGGG C C C C C T G	968
841	Db	AGATATGGG C C C TGGAG C C C TGGAGGAAGG C C C CAGG C C C CACATTTCTGTGGG C C C C C T G	900
969	QY	AATGG C C C C T GAG C C C CAG C C C T GAG C C C C C C T T A A T A A A C C C T G T T G G A T A A G C C C C A	1023
901	Db	AATGG C C C C T GAG C C C CAG C C C T GAG C C C C C C T T A A T A A A C C C T G T T G G A T A A G C C C A	955

RESULT 9

US-09-907-841-17

Sequence 17, Application US/09907841
Publication No. US20020198366A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/907,841

CURRENT FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

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? PRIOR FILING DATE: 1999-07-07
? PRIOR APPLICATION NUMBER: US 60/145,698
? PRIOR FILING DATE: 1999-07-26
? PRIOR APPLICATION NUMBER: US 60/146,222
? PRIOR FILING DATE: 1999-07-28
? PRIOR APPLICATION NUMBER: PCT/US99/20594
? PRIOR FILING DATE: 1999-09-08
? PRIOR APPLICATION NUMBER: PCT/US99/20944
? PRIOR FILING DATE: 1999-09-13
? PRIOR APPLICATION NUMBER: PCT/US99/21090
? PRIOR FILING DATE: 1999-09-15
? PRIOR APPLICATION NUMBER: PCT/US99/21547
? PRIOR FILING DATE: 1999-09-15
? PRIOR APPLICATION NUMBER: PCT/US99/23089
? PRIOR FILING DATE: 1999-10-05
? PRIOR APPLICATION NUMBER: PCT/US99/28214
? PRIOR FILING DATE: 1999-11-29
? Remaining Prior Application data removed - See File Wrapper or PALM.
? NUMBER OF SEQ ID NOS: 423
? SEQ ID NO 17
? LENGTH: 960
? TYPE: DNA
? ORGANISM: Homo sapiens
US-09-307-841-17

Query Match          93.3%;   Score 953.4;   DB 9;   Length 960;
Best Local Similarity 99.9%;   Pred. No. 2.9e-258;
Matches 954;   Conservative 0;   Mismatches 1;   Indels 0;   Gaps 0;

Qy      69    GCTGCTTGCCCTGTATTGATGGACGCTTGGCGCCCTGCAGCCAGGCACTCGCCCTGCTGTGCTA 128
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Db       1    GCTGCTTGCCCTGTATTGATGGACGCTTGGCGCCCTGCAGCCAGGCACTCGCCCTGCTGTGCTA 60

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QY 729 ACCTCTCCCCAGGAGCCTTCCCTGCCACACCCCATCTATGACTTGAGCCAGGTCTGGT 788
Db 661 ACCTCTTCCCCAGGAGCCTTCCCTGCCACACCCCATCTATGACTTGAGCCAGGTCTGGT 720
QY 789 CCGTGTGTCTCCCGCACCCAGCAGGAGGACAGCACTCAGGAGGGCCCAAGTAAAGCTGA 848
Db 721 CCGTGTGTCTCCCGCACCCAGCAGGAGGACAGCACTCAGGAGGGCCCAAGTAAAGCTGA 780
QY 849 GATGAAGTGACTGAGTAGAAGCTGAGAGCAAGAGTCGAGTTCCTGGAGTCTCC 908
Db 781 GATGAAGTGACTGAGTAGAAGCTGAGAGCAAGAGTCGAGTTCCTGGAGTCTCC 840
QY 909 AGAGATGGGCTCTGGAGGCTTGAGGAAGGGGCCAGGCTTCAATTCTGGGGCTCCCTG 968
Db 841 AGAGATGGGCTCTGGAGGCTTGAGGAAGGGGCCAGGCTTCAATTCTGGGGCTCCCTG 900
QY 969 AATGGAGCTGTAGCAAGGCTGAGGCTTAAATAAACCTGTGTGATAGGCCA 1023
Db 901 AATGGAGCTGTAGCAAGGCTGAGGCTTAAATAAACCTGTGTGATAGGCCA 955

RESULT 10

US-09-904-011-17
; Sequence 17, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,011
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/565,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 17
; LENGTH: 960
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-904-011-17
Query Match 93.2%; Score 953.4; DB 10; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.9e-258;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 69 GCTGCTTGCCTGTGATGGCAGGCTTGGCCCTGAGCCAGGCACTGCCCTGTGTGCTA 128
Db 1 GCTGCTTGCCTGTGATGGCAGGCTTGGCCCTGAGCCAGGCACTGCCCTGTGTGCTA 60
QY 129 CTCCTGAAAAGCCAGGTGAGCAAGAGCACTGCTGCGAGTGGAGAACTGCACCCAGCT 188
Db 61 CTCCTGAAAAGCCAGGTGAGCAAGAGCACTGCTGCGAGTGGAGAACTGCACCCAGCT 120
QY 189 GGGGAGCAGTCTGGACCGCGGCATCCGCGAGTGGCCCTGACCGCTCATCAGCA 248
Db 121 GGGGAGCAGTCTGGACCGCGGCATCCGCGAGTGGCCCTGACCGCTCATCAGCA 180
QY 249 AGGCTGACGCTTGAAGTGGTGGATGACTCAGAGCACTACTAGTGGGCAAGAGAACAT 308
Db 181 AGGCTGACGCTTGAAGTGGTGGATGACTCAGAGCACTACTAGTGGGCAAGAGAACAT 240
QY 309 CAGGTGCTGTGACACCGACTTGTGCAACCGCAGCGGGGCCATGCCCCAGCGGCTGC 368
Db 241 CAGGTGCTGTGACACCGACTTGTGCAACCGCAGCGGGGCCATGCCCCAGCGGCTGC 300
QY 369 CGCCATCCTTGGCTGCTCCCTGCACTCGGCTGCTGCTGGGACCGGCCAGCTATA 428
Db 301 CGCCATCCTTGGCTGCTCCCTGCACTCGGCTGCTGCTGGGACCGGCCAGCTATA 360
QY 429 GGCTCTGGGGGCCCCCGCTGCAAGCCCACTGGGTGGTGGTGGCCCGCCAGGCTTGTGCCAC 488
Db 361 GGCTCTGGGGGCCCCCGCTGCAAGCCCACTGGGTGGTGGTGGCCCGCCAGGCTTGTGCCAC 420
QY 489 TCTTCACAGACCTGGCCCAAGTGGAGCCTGTCTGTGTTCTCTGAGGCACTCTCTAAACGCA 548
Db 421 TCTTCACAGACCTGGCCCAAGTGGAGCCTGTCTGTGTTCTCTGAGGCACTCTCTAAACGCA 480
QY 549 GTCGTACCATGTATGTCTGACCCCTGTCTCCACCCCTGACCTCCATGGCCCTCTCCA 608
Db 481 GTCGTACCATGTATGTCTGACCCCTGTCTCCACCCCTGACCTCCATGGCCCTCTCCA 540
QY 609 GGACTCCCAACCGGAGATCAGCTCTAGTGACACAGATCCGCTGAGATGGCCCTCTCCA 668
Db 541 GGACTCCCAACCGGAGATCAGCTCTAGTGACACAGATCCGCTGAGATGGCCCTCTCCA 600
QY 669 AGCTCTCTGCTGCTTTCATGGCCAGGATCTCCACCCCTTAACCCCTGTGCTCAGGC 728
Db 601 ACCCTCTCTGCTGCTTTCATGGCCAGGATCTCCACCCCTTAACCCCTGTGCTCAGGC 660

QY	729	ACCTCTTCCCCAGGAAGCCTTCCCTGCCCCACCCCATCTATCACTGTAGACCCAGGTCTGGT	788
Db	661	ACCTCTTCCCCAGGAAGCCTTCCCTGCCCCACCCCATCTATCACTGTAGACCCAGGTCTGGT	720
QY	789	CCGTGGTGTCCCCCGCACCCAGCAGGGGACAGGCACTCAGGAGGGCCCCAGTAAAGGCTCA	848
Db	721	CCGTGGTGTCCCCCGCACCCAGCAGGGGACAGGCACTCAGGAGGGCCCCAGTAAAGGCTCA	780
QY	849	GATGAAGTGGACTGAGTAGAACTCGAGGACAAAGAGTCAGTTCCTGGAGGTCTCC	908
Db	781	GATGAAGTGGACTGAGTAGAACTCGAGGACAAAGAGTCAGTTCCTGGAGGTCTCC	840
QY	909	AGAGATGGGGCCTCGAGGCTTGGAGGAAGGGGCCAGGCTCACATTCTGTGGGGTCCCTTG	968
Db	841	AGAGATGGGGCCTCGAGGCTTGGAGGAAGGGGCCAGGCTCACATTCTGTGGGGTCCCTTG	900
QY	969	AATGGCAGCTGAGCAGACGCTAGGCCCTTTAATAACACCTGTTGGATAAGCCCA	1023
Db	901	AATGGCAGCTGAGCAGACGCTAGGCCCTTTAATAACACCTGTTGGATAAGCCCA	955

RESULT 11

US-09-903-640-17
; Sequence 17, Application US/09903640

; Publication No. US20
: GENERAL INFORMATION.

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/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/903,640
/ CURRENT FILING DATE: 2001-07-11
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 17
/ LENGTH: 960
/ TYPE: DNA
/ ORGANISM: Homo Sapien
/ US-09-903-640-17

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RESULT 12

US-09-908-093-17
; Sequence 17, Application US/09908093
; Publication No. US20030017498A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Askenazi, Avi
; APPLICANT: Bosstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone

Qy	129	CTCCTGCAAAAGCCACGAGTGAACAACAGAGACTGCTGCAGGTGGAGAACTGCACCCAGCT	188
Db	61	CTCTCTGCAAAAGCCACGAGTGAACAACAGAGACTGCTGCAGGTGGAGAACTGCACCCAGCT	120
Qy	189	GGGGAGCAGTGTGGACCGGCGCATCCGGCGAGTTGGCCCTCTCTGACCGTCAATCAGCAA	248
Db	121	GGGGAGCAGTGTGGACCGGCGCATCCGGCGAGTTGGCCCTCTCTGACCGTCAATCAGCAA	180
Qy	249	AGGCTGAGCTTGAACCTGCTGGATGACTCAGAGACTACTACGTGGGCAAGAACAAT	308
Db	181	AGGCTGAGCTTGAACCTGCTGGATGACTCAGAGACTACTACGTGGGCAAGAACAAT	240
Qy	309	CACGTGCTGACACCGACTTGTGAACGCCAGCGGGGCCCATGCCCTCGACCGCGCTGC	368
Db	241	CACGTGCTGACACCGACTTGTGAACGCCAGCGGGGCCCATGCCCTCGACCGCGCTGC	300
Qy	369	CGCCATCCTTGCCTGCTCCTCGCACTCGGCGTGTCTCTGGGACACCGGCAGCTATA	428
Db	301	CGCCATCCTTGCCTGCTCCTCGCACTCGGCGTGTCTCTGGGACACCGGCAGCTATA	360
Qy	429	GGCTCTGGGGGCCCGCTGCAGGCCACACTGGGFGTGGTGCCCGCAGGCTCTGTGCCAC	488
Db	361	GGCTCTGGGGGCCCGCTGCAGGCCACACTGGGFGTGGTGCCCGCAGGCTCTGTGCCAC	420
Qy	489	TCCTCAGACCTGGCCAGTGGAGCCTGTCTGGTTCTCTGAGGACATCCTAAGCAA	548
Db	421	TCCTCAGACCTGGCCAGTGGAGCCTGTCTGGTTCTCTGAGGACATCCTAAGCAA	480
Qy	549	GTCTGACCATGTATGTCTGCACCCCTGTCCGCCACCTTGACCCCTCCCATGGCCCTCTCCA	608
Db	481	GTCTGACCATGTATGTCTGCACCCCTGTCCGCCACCTTGACCCCTCCCATGGCCCTCTCCA	540
Qy	609	GGACTCCACCCGGCAGATCAGCTCTATGTGACACAGATCCGCTGCAGATGCCCCCTCCA	668
Db	541	GGACTCCACCCGGCAGATCAGCTCTATGTGACACAGATCCGCTGCAGATGCCCCCTCCA	600
Qy	669	ACCTCTCTCTGCTGTTCATGGCCCGACATTTCTCACCCCTTAAACCTGTGCTCAGGC	728
Db	601	ACCTCTCTCTGCTGTTCATGGCCCGACATTTCTCACCCCTTAAACCTGTGCTCAGGC	660
Qy	729	ACCTCTTCCGCCAGGAAGCCTTCCTTGCCCAACCCCATCTATGACTTGACCAAGTCTGGT	788
Db	661	ACCTCTTCCGCCAGGAAGCCTTCCTTGCCCAACCCCATCTATGACTTGACCAAGTCTGGT	720
Qy	789	CCGTGGTGTCCCGCACCAGCAGGGGACAGGCACCTCAGAGGGCCCGACGTAAGGCTGA	848
Db	721	CCGTGGTGTCCCGCACCAGCAGGGGACAGGCACCTCAGAGGGCCCGACGTAAGGCTGA	780
Qy	849	GATGAAGTGACTGAGTAGACTGGAGGACAAAGTGCACGTGAGTTCTGGGAGTCTCC	908
Db	781	GATGAAGTGACTGAGTAGACTGGAGGACAAAGTGCACGTGAGTTCTGGGAGTCTCC	840
Qy	909	AGAGATGGGCCCTGGAGGCCCTGGAGGAAGGGGCCAGGCCTCACATTTCTGGGGTCCCTG	968
Db	841	AGAGATGGGCCCTGGAGGCCCTGGAGGAAGGGGCCAGGCCTCACATTTCTGGGGTCCCTG	900
Qy	969	AATGGCAGCTGAGCACAGCGTAGGCCCTTAATAAACAACCTGTTGGATAAGCCCA	1023
Db	901	AATGGCAGCTGAGCACAGCGTAGGCCCTTAATAAACAACCTGTTGGATAAGCCCA	955

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/908,093
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo Sapien
US-09-908-093-17
Query Match 93.2%; Score 953.4; DB 10; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.9e-258;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 69 GCTGCTGCCCTGTTGATGCGAGGCTTGGCCCTGCAGCCAGGCACTGCCCTGCTGCTA 128
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Db 1 GCTGCTTGCCCTGTTGATGCGAGGCTTGGCCCTGCAGCCAGGCACTGCCCTGCTGCTA 60
QY 129 CTCCTGCAAAAGCCCAAGTGCAGCAACGAGGACTGCCTGCGAGGTGAGAACTGCACCCAGCT 188
|||||
Db 61 CTCCTGCAAAAGCCCAAGTGCAGCAACGAGGACTGCCTGCGAGGTGAGAACTGCACCCAGCT 120
|||||
QY 189 GGGGAGACAGTGTGGACCGCGCATCCGCGAGTTGGCTCTCTGACCTCATAGCAA 248
Db 121 GGGGAGACAGTGTGGACCGCGCATCCGCGAGTTGGCTCTCTGACCTCATAGCAA 180
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QY 249 AGGCTGACGCTTGAACCTGGTGTGATGACTCAGGACTACTAGCTGGGGAAGAGACAT 308
Db 181 AGGCTGACGCTTGAACCTGGTGTGATGACTCAGGACTACTAGCTGGGGAAGAGACAT 240
|||||
QY 309 CAGCTGCTGTGACACCGACTTGTGCAACGCGAGGGGCCCATGCCCTGCAGCCGCTGC 368
Db 241 CAGCTGCTGTGACACCGACTTGTGCAACGCGAGGGGCCCATGCCCTGCAGCCGCTGC 300
|||||
QY 369 CGCCATCTTGGCTGCTCCCTGCACTCGGCGCTGTCTTGGGGACCCGCGCAGCTATA 428
Db 301 CGCCATCTTGGCTGCTCCCTGCACTCGGCGCTGTCTTGGGGACCCGCGCAGCTATA 360
|||||
QY 429 GGCTCTGGGGGGCCCGCTGCAGCCCACTGGGTGTGGTGGCCCGAGGCTCTGTGCCAC 488
Db 361 GGCTCTGGGGGGCCCGCTGCAGCCCACTGGGTGTGGTGGCCCGAGGCTCTGTGCCAC 420
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QY 489 TCCTCACAGACCTGGGCCAGTGGGAGCCTGTCTGTGTTCTGTAGGCACATCTCTAAAGCAA 548
Db 421 TCCTCACAGACCTGGGCCAGTGGGAGCCTGTCTGTGTTCTGTAGGCACATCTCTAAAGCAA 480
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QY 549 GTCTGACCATGTATGTGTGCAACCCCTGTCCCCCAACCCCTGACCCCTGCCATGGCCCTTCCA 608
Db 481 GTCTGACCATGTATGTGTGCAACCCCTGTCCCCCAACCCCTGACCCCTGCCATGGCCCTTCCA 540
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QY 609 GGACTCCACCCCGGAGATCAGCTCTAGTGACACAGATCGGCTGCGAGTGGCCCTCCA 668
Db 541 GGACTCCACCCCGGAGATCAGCTCTAGTGACACAGATCGGCTGCGAGTGGCCCTCCA 600
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QY 669 ACCCTCTCTGCTGCTGTTTCCATGGCCAGCATCTTCCACCCCTTAAACCCCTGTCTCAGGC 728
Db 601 ACCCTCTCTGCTGCTGTTTCCATGGCCAGCATCTTCCACCCCTTAAACCCCTGTCTCAGGC 660
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QY 729 ACCTCTTCCCCAGGAAGCCTTCCCTGCCCCACCCCATCTATGACTTGAGCCAGGTGTGT 788
Db 661 ACCTCTTCCCCAGGAAGCCTTCCCTGCCCCACCCCATCTATGACTTGAGCCAGGTGTGT 720
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QY 789 CCGTGTGTCCCCCGCACCCAGCAGGGGACAGCACTCAGGAGGGCCCAAGAGCTGA 848
Db 721 CCGTGTGTCCCCCGCACCCAGCAGGGGACAGCACTCAGGAGGGCCCAAGAGCTGA 780
|||||
QY 849 GATGAAGTGGACTGAGTAGAATGAGAGCAAGAGTGCAGCTGAGTTCTTGGGAGTCTCC 908
Db 781 GATGAAGTGGACTGAGTAGAATGAGAGCAAGAGTGCAGCTGAGTTCTTGGGAGTCTCC 840
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QY 909 AGAGATGGGGCCTTGGAGGCTTGGAGAAAGGGCCAGGCTTCACTTCTGGGGCTCCCTG 968
Db 841 AGAGATGGGGCCTTGGAGGCTTGGAGAAAGGGCCAGGCTTCACTTCTGGGGCTCCCTG 900
|||||
QY 969 AATGGCAGCTGAGCAGGCTAGGCCCTTAATAAACCTGTGGATAGCCCA 1023
Db 901 AATGGCAGCTGAGCAGGCTAGGCCCTTAATAAACCTGTGGATAGCCCA 955
|||||

RESULT 13

US-09-906-742-17
; Sequence 17, Application US/09906742
; Publication No. US20030023054A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.

APPLICANT: Desnoyers, Luc
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APPLICANT: Goddard, A.
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APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,613
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 17
LENGTH: 960
TYPE: DNA
ORGANISM: Homo sapiens
US-09-907-613-17

Query Match 93.2%; Score 953.4; DB 10; Length 960;
Best Local Similarity 99.9%; Pred. No. 2.9e-258;
Matches 954; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db	1	GCTGCTGCCCTGTTGATGGCAGGCTTGCCCTGAGCCAGGCACTGCCCTGTGTGCTA	60
QY	129	CTCCTGCAAAAGCCAGGTGAGCAACAGAGACTGCTGAGGTGGAGAACTGACCCAGCT	188
Db	61	CTCCTGCAAAAGCCAGGTGAGCAACAGAGACTGCTGAGGTGGAGAACTGACCCAGCT	120
QY	189	GGGGAGCAGTCTGAGCGCGCGCATCGGCGAGTTGGCCCTCTGACCGTATCAGCAA	248
Db	121	GGGGAGCAGTCTGAGCGCGCGCATCGGCGAGTTGGCCCTCTGACCGTATCAGCAA	180
QY	249	AGGCTGCAGCTTGAATCGGTGATGACTCAGAGACTACTACGTGGGCAAGAAGACAT	308
Db	181	AGGCTGCAGCTTGAATCGGTGATGACTCAGAGACTACTACGTGGGCAAGAAGACAT	240
QY	309	CACGTGCTGTGACACCGCACTTGTGCAACGCCAGCGGGCCCATGCCCTGCAGCCGCTGC	368
Db	241	CACGTGCTGTGACACCGCACTTGTGCAACGCCAGCGGGCCCATGCCCTGCAGCCGCTGC	300
QY	369	CGGCATCTTGGCTGCTCCCTGCACTGGCCCTGCTCTGGGGACCCGGGCGAGCTATA	428
Db	301	CGGCATCTTGGCTGCTCCCTGCACTGGCCCTGCTCTGGGGACCCGGGCGAGCTATA	360
QY	429	GGCTCTGGGGGGCCCGCTGCAGCCCACTGGGTGTGTGCGCCAGGCTCTGTGCGCAC	488
Db	361	GGCTCTGGGGGGCCCGCTGCAGCCCACTGGGTGTGTGCGCCAGGCTCTGTGCGCAC	420
QY	489	TCCTCACAGACTGCGCCAGTGGGAGCCTGCTCCTGGTTCTCTGAGGCACATCTCAAGCAA	548
Db	421	TCCTCACAGACTGCGCCAGTGGGAGCCTGCTCCTGGTTCTCTGAGGCACATCTCAAGCAA	480
QY	549	GTCTGACCATGTATGTCTGCACCCCTGTCCCGCCAGCTGACCTCCATGGCCCTCTCCA	608
Db	481	GTCTGACCATGTATGTCTGCACCCCTGTCCCGCCAGCTGACCTCCATGGCCCTCTCCA	540
QY	609	GGACTCCACACCGGAGATCAGCTCTAGTGACACAGATCCGCTGTCAGATGCCCTTCCA	668
Db	541	GGACTCCACACCGGAGATCAGCTCTAGTGACACAGATCCGCTGTCAGATGCCCTTCCA	600
QY	669	ACCTCTCTGTGCTGTTTCCATGGCCCCAGCATTTCTCCACCCCTTAACCTGTGCTCAGGC	728
Db	601	ACCTCTCTGTGCTGTTTCCATGGCCCCAGCATTTCTCCACCCCTTAACCTGTGCTCAGGC	660
QY	729	ACCTCTTCCCGCAGGAAGCTTCCCTGCCACCCCATCTATGACTTGAGCCAGGTCTGCT	788
Db	661	ACCTCTTCCCGCAGGAAGCTTCCCTGCCACCCCATCTATGACTTGAGCCAGGTCTGCT	720
QY	789	CGTGTGTCTCCCGCAGGAGGAGCAGGCACTCAGAGAGGCGCCAGTAAGGCTCA	848
Db	721	CGTGTGTCTCCCGCAGGAGGAGCAGGCACTCAGAGAGGCGCCAGTAAGGCTCA	780
QY	849	GATGAAGTGGACTGAGTAGAACTGGAGGACAAAGAGTCCAGTTCCTGGGAGTCTCC	908
Db	781	GATGAAGTGGACTGAGTAGAACTGGAGGACAAAGAGTCCAGTTCCTGGGAGTCTCC	840
QY	909	AGAGATGGGGCTTGGAGGCTGGAGAGGCGCCAGGCTCTCATTTCTGTGGGGCTCCCTG	968
Db	841	AGAGATGGGGCTTGGAGGCTGGAGAGGCGCCAGGCTCTCATTTCTGTGGGGCTCCCTG	900
QY	969	AATGCGAGCTTGAGCACAGCGTAGGCCCTTAATAAACACCTCTTGGATAAGCCCA	1023
Db	901	AATGCGAGCTTGAGCACAGCGTAGGCCCTTAATAAACACCTCTTGGATAAGCCCA	955

Search completed: October 23, 2004, 16:10:36
Job time : 548 secs

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